

# PUBLIC HEALTH REPORTS

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## EPIDEMIC INFLUENZA.

### PREVALENCE IN THE UNITED STATES.

Telegraphic reports from State health officers for the week ended February 15, 1919, indicate a general decline in the number of cases of influenza reported. As compared with the preceding week fewer cases were notified in Alabama, California, Connecticut, Florida, Illinois, Iowa, Kansas, Louisiana, Maine, New Jersey, North Carolina, Ohio, Oklahoma, and Virginia. (See p. 354.)

Arkansas and Vermont reported increases, but the number of cases was not large, and both States show decided decreases as compared with the reports for the week ended February 1.

Reports from the zones surrounding Army camps indicate that a slightly smaller number of cases was reported than during the preceding week. (See p. 357.)

With local variations, the number of cases of influenza reported has declined since about the middle of January in all parts of the country from which reports have been received.

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### CIVIL SERVICE EXAMINATIONS OF INTEREST TO HEALTH OFFICIALS.

Supervisor, social hygiene (female).....	\$2,000-\$2,500
Special agent, social hygiene (female).....	1,200- 1,800
Assistant special agent, social hygiene (female).....	600- 1,000

In developing the field activities of the campaign against venereal diseases the Public Health Service contemplates appointing about 40 special agents in social hygiene, 10 supervisors, and a number of assistant special agents. These positions are open to women only, and appointments will be for work in various parts of the United States.

The duties of the supervisors will be to represent the Section on Women and Girls of the Interdepartmental Social Hygiene Board in a supervisory capacity. The work will include the planning and organization of the work of special agents, promoting of community interest and social legislation, reporting on local conditions, collecting special data from time to time, and representing this section at conferences and public gatherings.

The duties of the special agents will be to perform social case work with delinquent women and girls, to assist in securing the examination and treatment of those infected with venereal diseases, to aid in the enforcement of laws regarding commercialized vice, to visit places of amusement and report on conditions found. Appointees will also be required to compile community reports and case records of individuals dealt with. They must be capable of working without immediate supervision and must possess qualifications necessary to enlist the local community's interest and cooperation.

The duties of the assistant special agents, will be to perform social case work with delinquent women and girls similar to those performed by special agents, namely, assisting in securing the examination and treatment of those infected with venereal diseases, aiding in the enforcement of laws regarding commercialized vice, visiting public places of amusement and reporting on conditions found, etc.

These positions will be filled as the result of open competitive examinations conducted by the United States Civil Service Commission. The examinations will be held March 25 and 26, 1919.

For further information address the Civil Service Commission, Washington, D. C.

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### LETHARGIC ENCEPHALITIS.

#### A NOTIFIABLE DISEASE IN ENGLAND.

The attention of health officers is invited to the following instructive description of a new epidemic disease recently observed in Europe. It is desirable to know whether any such cases have been observed in this country, and if so, to what extent the disease prevails.

At a meeting of the Vienna psychiatric society, held in April, 1917, Von Economo described a group of cases of a disease occurring in epidemic form to which he gave the name "encephalitis lethargica." A discussion concerning the same disorder was held the following month by the Paris Academy of Medicine, and Prof. Netter there expressed the opinion that the disease was not a form of acute poliomyelitis. He also quoted some evidence in support of the view that the disease occurred at the end of the seventeenth and beginning of the eighteenth century in Germany and more definite evidence that it occurred in Upper Italy and Hungary in 1890. Very suggestive cases occurred in nearly all the countries of Europe and in the United States in the spring of 1895. From the data presented by Von Economo it is evident that the disease occurred in Vienna in the winter of 1916-17.

The first case noted in England occurred February 11, 1918, in Bermondsey, and the largest number of cases in one week was 18, in the last week in April. The number of cases declined thereafter,

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and the epidemic, which never attained large proportions, came, at least temporarily, to an end in June.

The disease has been made notifiable in England and Wales under the name of "lethargic encephalitis." Early last year the local government board, with the assistance of the Medical Research Committee, instituted clinical and pathological investigations. The result of these have now been published in a report (N. S. 121) issued by H. M. Stationery Office, London.

The following data are abstracted from a review of the Government report, published in a recent number of the British Medical Journal, to which acknowledgments are hereby extended.

The disease is an acute affection due to a specific virus, which, like that of acute anterior poliomyelitis, probably finds entrance through the naso-pharynx, and which, like it, has a special affinity for the nervous system, though for different areas and elements.

Pathologically, lethargic encephalitis belongs to the class of polio-encephalitic diseases which are inflammatory in nature. Bacteriological investigations did not yield any positive results.

Clinically the disease is a general infectious disease characterized by manifestations originating in the central nervous system, of which the most frequent and characteristic are progressive lethargy or stupor and lesion in or about the nuclei of the third pair of cranial nerves. Although a rise in temperature was not observed in all the 164 cases of the disease of which notes were obtained, there seems to be little doubt that there is always a certain amount of fever in an early stage, although occasionally it may not be observed for several days after the onset of symptoms. The common range is between 101° F. and 102° F., but temperatures up to 104° F. are not very uncommon, and in a few cases a temperature between 104° F. and 105° F. has been reached. The pyrexia usually lasts from 2 to 5 days, but may continue for 10 or even 14. It may fall suddenly or gradually with oscillations. A period of subnormal temperature not infrequently follows.

In the majority of cases a prodromal period may be recognized, but it is not very well defined, the symptoms being the early stage of those of the developed disease. Usually the first symptom is simple catarrhal conjunctivitis and in a smaller number of cases tonsilitis, simple sore throat, and bronchial catarrhs were observed, but the salient symptom observed in 80 per cent of the cases at this stage was progressive lethargy. It might be ushered in suddenly by a fainting attack or fit, but the onset was more often gradual. The patient became dazed or stupid, slept a great deal, and was drowsy by day. In marked cases the lethargy was accompanied by heaviness of the eyelids, pain in the eyes, blurred vision, and photophobia, and, in a well-marked case, gradually passed into stupor.

Headache was common, and giddiness was a highly characteristic early symptom, and in some cases was accompanied by diplopia. Mental hebetude was often associated with a highly emotional state, and the patient might exhibit, without apparent cause, symptoms which might be labeled hysterical. In other instances the mental depression was so great that melancholia was suspected. In a few cases only was the patient restless and irritable. The patient may be indisposed to speak, sometimes has distinct difficulty in articulation. The most frequent and characteristic signs in the prodromal period may be summed up as lethargy, asthenia, vertigo, headache, diplopia, and some alteration in the mental state.

After this prodromal period, if it occurs, the symptoms of a general infectious disease become manifest; the febrile reaction has already been mentioned. The patient lies in bed on the back, often unable to make any voluntary movement on account of great muscular weakness; the face is quite expressionless and masklike, and there may be definite double facial paralysis. The severest cases lie like a log in bed, resembling a waxen image in the lack of expression and mobility, and this may be accompanied by catalepsy. The patient is in a condition of stupor, although true sleep is often not obtained. Delirium, usually nocturnal, is not uncommon, and in addition to the muscular trouble there is distinct rigidity in a considerable proportion of cases. The voice becomes nasal and monotonous, sentences are uttered very slowly and words slurred into one another. Occasionally, however, once started to speak the patient chatters sentences with so great rapidity that he is often unintelligible. Irregular nonrhythmic spontaneous movements of the face, trunk, and limbs, resembling those seen in chorea or thalamic infections, are not infrequent. Cases occur which present the general symptoms of the disease—pyrexia, lethargy, asthenia—without localizing signs, and as a rule can only be diagnosed from the general surrounding circumstances. The commonest localizing sign is ophthalmoplegia, recognized in 75 per cent of the cases examined. Ptosis is the commonest form of third nerve paralysis and is usually at some stage bilateral. Finally, paralysis is usually bilateral, or becomes so, but is almost invariably more intense on one side than the other.

Dr. MacNalty recognizes seven types of cases—(a) A clinical affection of the third pair of nerves; (b) affections of the brain stem and bulb, (c) affections of the long tracts, (d) the ataxic type, (e) affections of the cerebral cortex, (f) cases with evidence of spinal cord involvement, and (g) the polyneuritic type in which affection of the peripheral nerves is suspected. The prognosis is better than the alarming state of the patient in the fully developed stage would suggest. Among 168 cases 37 deaths were recorded. The duration of the stupor is very variable; occasionally it lasts two to three days,

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more often two to five weeks, and in one case, which eventually recovered, it continued for eight weeks. It is too soon to speak positively of after effects, but certain manifestations have persisted after the expiration of three months from the date of onset; these are an alteration in the mental condition, persistent cranial nerve palsy, the appearance of paralysis (apparently of spinal cord origin) and athetosis. The diagnosis may be very difficult, the lethargy and the progressive character of the cranial nerve paralysis are the most characteristic signs. The frequency of ptosis, paralysis of the ocular muscles, diplopia, facial paralysis, and ocular incoordination are the cranial nerve signs; optic neuritis does not occur save in very occasional cases.

#### Diagnosis.

The most common error in diagnosis is to attribute the condition to tuberculous meningitis; in many cases a differential diagnosis from cerebrospinal meningitis can not be made without an examination of the cerebrospinal fluid, which is little, if at all, altered in the majority of cases of lethargic encephalitis.

Some of the other difficulties encountered have already been mentioned, but the essential difficulty is to separate lethargic encephalitis from the rare cases of the cerebral form of infantile paralysis. The resemblance is very close, and it seems probable that some of the cases reported in the past as cerebrospinal poliomyelitis may have been examples of the disease now newly recognized in this country [England]. Dr. MacNalty has arranged the chief criteria for diagnosis in a table which is too long and detailed for reproduction here. The main points to be noted seem to be that, though the chief symptoms of lethargic encephalitis have been described in cases reported as cerebral poliomyelitis, they are slight, of much briefer duration, and not so constant; lethargic encephalitis, on the other hand, has a very definite clinical syndrome, characterized by progressive stupor or coma, alternating delirium, headache, giddiness, asthenia, mental and emotional changes, and, in the majority of cases, by paralysis of the third pair of cranial nerves. Paralysis, when present in lethargic encephalitis, is usually bilateral and restricted to cranial nerves, but has commonly cleared completely or is less in degree two months after recovery. In these respects it presents a marked contrast to acute poliomyelitis.

There are clinical indications that in the present outbreak both poliomyelitis and lethargic encephalitis have occurred, but not in association with each other.

Dr. MacNalty considers that the question of the identity or non-identity of the two diseases is still open, but suggests that the relation between them may perhaps be comparable to that known to exist between typhoid and paratyphoid fever.

**Treatment.**

With regard to treatment, no specific method has been devised, and the best that can be done is to put the patient to bed and provide him with good nursing; cold sponging is often beneficial during the pyrexial period and tends to diminish the delirium. In many instances transient or permanent relief, with diminution of stupor, followed the withdrawal of cerebrospinal fluid by lumbar puncture, especially when the fluid was under pressure. For the pain, numbness, and tingling of the limbs warmth is the best remedy, and the bedclothes should be raised on frames. Constipation is obstinate and often difficult to overcome, except by enemata, followed by such drugs as liquid paraffin or phenolphthalein. No hypnotics and no morphine or other preparation of opium should be given, and Dr. MacNalty deprecates the administration of hexamine in large and repeated doses; if it is prescribed the urine should be carefully watched for albumin. Daily cleansing of the mouth and antiseptic treatment of the nose and mouth should be carried out, and respiratory complications systematically looked for. Finally, the patient should be given to understand that his convalescence will last for at least six months after the beginning of the illness.

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**ESTIMATES OF POPULATION—1910-1917.****STATES, TERRITORIES, COUNTIES AND CITIES OF THE UNITED STATES.**

A bulletin which is certain to be appreciated by public health officials is one just published by the Bureau of the Census, giving the estimates of population of the United States, the States and territories, counties, and the cities which had a population of 8,000 or more on April 15, 1910. It is true that the figures presented are not in any sense a census; nevertheless in the convenient form in which they are presented their compilation will be very useful. The bulletin also includes the results of the State enumeration made in 1915.

Health officers will find this publication valuable in making comparative studies of health conditions.

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**DEATHS DURING WEEK ENDED FEBRUARY 8, 1919, IN CITIES.**

The following table shows the registered deaths from all causes and from pneumonia (all forms) and influenza combined, in certain large cities of the United States during the week ended February 8, 1919. The annual death rates per 1,000 population for the week and for the corresponding week of previous years are also shown.

The data are taken from the "Weekly Health Index," February 11, 1919, issued by the Bureau of the Census, Department of Commerce. The populations used in computing the rates are estimated by the Bureau of the Census as of July 1, 1918.

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*Registered deaths and annual death rates per 1,000 population in certain large cities of the United States, week ended Feb. 8, 1919—Deaths from all causes, and from pneumonia (all forms) and influenza combined.*

City.	Population July 1, 1918, estimated.	Total deaths, all causes.	Annual death rate per 1,000.	Death rate for preceding years. <sup>1</sup>	Influenza and pneumonia (all forms).	
					Number of deaths.	Annual rate per 1,000.
Albany, N. Y.	112,565	39	18.1	C 17.6	15	6.9
Atlanta, Ga.	201,732	85	22.0	C 20.2	126	9.8
Baltimore, Md.	269,981	364	28.3	A 20.2	126	9.8
Birmingham, Ala.	197,670	63	16.6	A 16.9	21	5.5
Boston, Mass.	785,245	301	20.0	A 17.4	89	5.9
Buffalo, N. Y.	473,229	201	22.1	C 20.5	75	8.3
Cambridge, Mass.	111,432	50	23.4	C 22.9	10	4.7
Chicago, Ill.	2,596,681	803	16.1	A 16.1	194	3.9
Cincinnati, Ohio	418,022	150	18.7	C 19.6	39	4.9
Cleveland, Ohio	810,306	249	16.0	C 13.0	100	6.4
Columbus, Ohio	225,296	60	13.9	C 15.0	11	2.5
Dayton, Ohio	130,655	42	16.8	C 21.6	8	3.2
Denver, Colo.		97				
Fall River, Mass.	128,392	45	18.3	C 14.2	17	6.9
Grand Rapids, Mich.	135,450	28	10.8	C 15.4		
Indianapolis, Ind.	289,577	112	20.2	C 17.1		
Jersey City, N. J.	318,770	114	18.6	C 12.9		
Kansas City, Mo.	313,785	115	19.1	C 20.3	40	6.6
Los Angeles, Cal.	568,495	183	16.8	A 15.3	47	4.3
Louisville, Ky.	242,707	93	20.0	C 26.0	19	4.1
Lowell, Mass.	109,081	41	19.6	A 17.1		
Memphis, Tenn.	154,759	101	34.0	C 25.3	60	20.2
Milwaukee, Wis.	453,481	100	11.5	A 13.6		
Minneapolis, Minn.	383,442	111	15.1	C 10.7		
Nashville, Tenn.	119,215	56	24.5	C 21.0	15	6.6
Newark, N. J.	428,684	147	17.9	C 15.4	45	5.5
New Haven, Conn.	154,865	41	13.8	C 18.5	12	4.0
New Orleans, La.	382,273	197	26.9	A 22.1	58	7.9
New York, N. Y.	5,215,879	2,209	22.1	C 17.7	893	8.9
Oakland, Calif.	214,206	63	15.3	A 12.9		
Omaha, Nebr.	180,264	33	9.5	C 11.0		
Philadelphia, Pa.	1,761,371	750	22.2	<sup>3</sup> 17.9	262	7.8
Pittsburgh, Pa.	593,303	288	25.3	C 20.4	145	12.7
Portland, Oreg.		62			15	
Providence, R. I.	263,613	98	19.4	C 17.0	30	5.9
Richmond, Va.	160,719	60	19.5	C 19.1	11	3.6
Rochester, N. Y.	264,856	81	15.9	C 15.6	16	3.1
St. Louis, Mo.	779,951	243	16.2	C 16.5	53	3.5
St. Paul, Minn.	257,699	63	12.7	C 10.7		
San Francisco, Cal.	478,530	147	16.0	C 14.6	41	4.5
Seattle, Wash.		90			40	
Spokane, Wash.		24				
Syracuse, N. Y.	161,404	44	14.2	C 16.2	10	3.2
Toledo, Ohio	262,234	57	11.3	A 12.7	6	1.2
Washington, D. C.	401,681	150	19.5	A 18.8	42	5.5
Worcester, Mass.	173,650	76	22.8	C 17.1	21	6.3

<sup>1</sup> "▲" indicates that the rate given is the average annual death rate per 1,000 population for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates that the rate is the annual death rate per 1,000 population for the corresponding week of 1918.

<sup>2</sup> Population estimated as of July 1, 1919.

<sup>3</sup> Rate is based on statistics of 1915, 1916, and 1917.

## FAVUS HERPETICUS OR MOUSE FAVUS IN MAN.

By R. E. BUCHANAN, Special Bacteriologist, Hygienic Laboratory, United States Public Health Service.

Mouse favus or *Favus herpeticus* in man has recently assumed some significance in the United States because of the possibility that those who handle imported Australian wheat, or are engaged in milling it, may become infected from the bags, dead mice, or possibly from the wheat itself. Men employed in resacking the grain and women engaged in mending the torn and gnawed bags have developed

many cases of favus of the glabrous skin, the *Favus herpeticus* of Quincke, caused by the dermatophyte *Achorion quinckeanum*. It may be emphasized that this fungus is quite distinct from that typical of human favus, the *Achorion Schönleinii*.

A study, made at the Hygienic Laboratory of the United States Public Health Service, of samples of wheat and of several mouse skins collected in Australia proved negative. The descriptions and figures presented by Australian physicians, however, leave no question that the disease present in Australia is favus.

It is not improbable that there may be an occasional appearance of mouse favus, or rather *Favus herpeticus*, among those handling the imported wheat. The possibility that the spores may be present in flour and cause infection in bakers is very remote and probably negligible.

The disease in man develops clinically much as *Herpes tonsurans*, but in most cases well developed cup-shaped crusts or scutula appear near the center of the lesion. The infection in man is usually not serious, yielding readily to treatment, and far more readily cured than the *Favus vulgaris* of the scalp.

There are apparently no reports of cases in the United States in recent years.

It is not probable that the danger from infection through importation of Australian wheat is sufficiently great to warrant any interference with, certainly not to warrant the exclusion of, the grain.

## THE NOTIFIABLE DISEASES.

### PREVALENCE DURING 1917 IN STATES.

**ANTHRAX, CEREBROSPINAL MENINGITIS, DIPHTHERIA, MALARIA, MEASLES, POLIOMYELITIS, RABIES IN MAN, ROCKY MOUNTAIN SPOTTED FEVER, SCARLET FEVER, SEPTIC SORE THROAT, SMALLPOX, TUBERCULOSIS (PULMONARY AND ALL FORMS), TYPHOID FEVER, AND TYPHUS FEVER CASES, AND DEATHS REPORTED, 1917; AVERAGE NUMBER OF CASES REPORTED DURING RECENT YEARS (1912 to 1916); CASE RATES, FATALITY AND MORTALITY RATES, 1917.**

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States in response to requests from the United States Public Health Service.

Thirty-six States, Hawaii, Porto Rico, and the District of Columbia filled out and returned the schedules, viz: Alabama, Arkansas, California, Colorado, Connecticut, District of Columbia, Hawaii, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nevada, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Porto Rico, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming.

The populations used in computing the case rates and death rates were those estimated by the Bureau of the Census as of July 1, 1917,

except for the population of Iowa. For this State the population in 1910, as ascertained by the census of that year, was used, as no estimate for 1917 was available.

The averages for preceding years were obtained by adding together the figures for the years 1912, 1913, 1914, 1915, and 1916 and dividing the sum by 5. Data for the full five years were not available for some of the States. The column headed "Averages are for —" shows the number of years for which the figures were obtainable. In all instances the average figures are for years between 1912 and 1916, inclusive.

In comparing the figures for 1917 with the averages for preceding years, it should be borne in mind that an increase in the number of cases reported may indicate that there were more cases of the particular disease in the State during 1917, or it may indicate that the cases were better reported by the physicians.

A relatively large number of reported cases of a communicable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States. A high fatality rate may mean that the disease was unusually virulent in a State, that the physicians did not treat the disease in that State with the success usual elsewhere, or that the practicing physicians did not report all of their cases. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the State was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of death was incomplete, or the assignment of the causes of death inaccurate.

#### RABIES IN MAN.

*Cases and Deaths, 1917.*

State.	Estimated population. July 1, 1917.	Cases.	Deaths.
Alabama.....	2,363,939	1	1
Colorado.....	988,320	2	2
Connecticut.....	1,265,373	3	3
Illinois.....	6,234,995	3	3
Indiana.....	2,835,492	1	2
Louisiana.....	1,856,954	4	4
Minnesota.....	2,312,445	2	2
New Jersey.....	3,014,194	3	3
New York.....	10,460,182	2	5
Ohio.....	5,212,085	3	4
Pennsylvania.....	8,660,042	3	3
South Carolina.....	1,643,205	.....	6
Texas.....	4,515,423	.....	2
Wisconsin.....	2,527,167	3	3

## **ANTHRAX.**

**February 21, 1919.**

State.	Number of cases reported.										Total cases, 1916.	Total cases, 1917.	Total deaths, 1917.	Cases per 1,000 inhab- itants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.						
	August.		September.		October.		November.		December.													
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917												
California.....	3	6	4	2	7	0	6	0	0	0	12	23	6	0.008	26.09	0.002						
Colorado.....	0	0	0	0	0	0	0	1	1	1	4	1	1	.004	25.00	.001						
Connecticut.....	0	0	0	0	0	0	0	0	0	0	2	0	0	.001	100.00	.001						
Illinois.....	0	0	0	0	0	0	0	1	0	4	2	2	2	.001	14.81	.002						
Kansas.....	0	3	1	0	0	4	0	0	0	2	4	27	4	.015	10.37	.003						
Louisiana.....	2	2	0	6	3	8	1	4	2	4	31	54	11	.014	28.57	.002						
Maryland.....	0	0	1	2	1	0	2	2	0	1	15	21	6	.007	37.50	.001						
Massachusetts.....	2	2	1	3	2	1	8	1	0	1	15	32	12	.003	33.33	.001						
New Jersey.....	0	0	0	0	0	0	0	0	0	0	1	3	1	.001	44.00	.001						
New York.....	2	0	0	0	0	0	0	0	0	0	31	25	11	.003	50.00	.003						
Ohio.....	0	3	5	0	0	3	2	6	0	1	0	3	3	.005	100.00	.001						
Pennsylvania.....	0	0	0	0	0	0	0	0	0	0	0	2	1	.001	100.00	.001						
Texas.....	0	0	0	0	0	0	0	0	0	0	0	2	2	.005	50.00	.003						
Vermont.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.001	100.00	.001						
Wisconsin.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.001	100.00	.001						

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CEREBROSPINAL MENINGITIS.

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State.	Number of cases reported.										Cases reported per 1,000 inhabitants, 1917.	Indicated death rate per 1,000 cases, 1917.
	August, 1917	September, 1917	October, 1917	November, 1917	December, 1917	Average, 1917	August, 1917	September, 1917	October, 1917	November, 1917		
Alabama.....	2	1	2	2	3	3	6	1	2	2	16	.84
Arkansas.....	11	2	1	1	3	0	15	5	5	20	63	.43
California.....	3	6	3	5	6	4	15	5	4	42	133	.044
Connecticut.....	1	1	0	1	2	4	6	3	3	17	160	.247
District of Columbia.....	0	1	(1)	0	0	(1)	2	0	0	8	6	.089
Hawaii.....	36	16	37	10	10	0	29	12	12	33	186	.11
Illinois.....	13	4	3	4	4	2	36	13	13	33	450	.050
Indiana.....	2	3	0	6	4	6	1	1	1	2	8	.052
Iowa.....	2	4	4	6	3	5	14	4	4	26	39	.056
Kansas.....	2	0	(1)	0	1	2	2	2	2	20	34	.052
Louisiana.....	0	0	0	0	0	0	0	0	0	42	42	.052
Maine.....	5	2	3	4	3	4	2	2	2	5	6	.22
Maryland.....	10	19	15	8	11	11	12	12	16	15	158	.115
Massachusetts.....	3	6	1	6	2	5	2	3	3	6	164	.158
Minnesota.....	1	0	4	5	3	4	7	6	9	33	30	.155
Mississippi.....	2	0	1	1	1	(1)	0	0	0	40	5	.31
Montana.....	(1)	0	(1)	0	(1)	0	0	0	0	9	29	.020
Nevada.....	15	27	28	27	17	18	35	22	31	38	494	.027
New Jersey.....	24	22	27	28	27	27	35	22	31	38	310	.046
New York.....	12	26	8	22	14	25	15	17	13	30	180	.121
Ohio.....	0	2	0	2	0	1	0	1	0	4	60	.013
Oregon.....	25	41	15	25	8	31	11	22	14	26	901	.012
Pennsylvania.....	2	0	0	1	0	0	0	1	0	3	5	.004
Puerto Rico.....	2	3	1	0	1	0	0	5	3	21	64	.102
Rhode Island.....	1	0	1	2	(1)	1	0	0	0	1	144	.068
South Carolina.....	0	3	1	0	0	0	6	2	2	128	11	.029
South Dakota.....	3	1	4	1	0	1	4	3	1	8	96	.121
Texas.....	0	0	0	0	0	0	0	0	0	15	100	.013
Vermont.....	14	9	18	8	14	4	8	15	6	25	212	.016
Virginia.....	1	1	1	0	2	3	(1)	2	7	14	32	.076
Washington.....	7	9	4	11	6	6	13	6	7	0	92	.020
West Virginia.....	(1)	1	0	0	0	0	0	0	1	3	138	.021
Wyoming.....											5	.14

<sup>1</sup> Less than 1.

## DIPHTHERIA.

State,	Estimated population July 1, 1917.	Averages are for—	Number of cases reported.									
			January.		February.		March.		April.		May.	
			Average.	1917	Average.	1917	Average.	1917	Average.	1917	Average.	1917
Alabama.....	2,363,939	3 years.....	35	59	29	36	34	38	24	32	22	21
Arkansas.....	1,796,343	4 years.....	251	354	219	316	271	195	202	149	243	218
California.....	3,023,032	2 years.....	41	35	41	27	30	62	38	68	35	33
Colorado.....	3,685,320	5 years.....	234	222	192	179	177	167	143	159	142	149
Connecticut.....	1,265,173	5 years.....	63	61	40	48	32	142	40	38	34	25
District of Columbia.....	369,282	5 years.....	15	17	15	14	14	48	14	11	10	11
Hawaii.....	219,590	5 years.....	1,230	1,316	821	1,092	876	1,319	760	1,087	744	1,143
Illinois.....	6,234,965	3 years.....	326	409	243	257	176	235	138	193	118	107
Indiana.....	2,835,492	5 years.....	229	271	45	74	35	70	38	59	16	37
Iowa.....	1,831,570	5 years.....	114	170	95	80	74	95	54	91	66	40
Kansas.....	1,836,934	3 years.....	125	75	81	67	75	59	53	52	82	38
Louisiana.....	777,310	1916.....	35	28	22	18	20	10	19	19	18	19
Maine.....	1,373,673	2 years.....	262	181	196	134	182	125	96	74	93	104
Massachusetts.....	3,755,973	2 years.....	662	869	598	567	588	507	738	607	876	744
Michigan.....	3,034,256	4 years.....	463	645	339	533	352	722	318	549	307	610
Minnesota.....	2,312,445	3 years.....	281	261	229	228	233	116	207	247	244	345
Mississippi.....	1,976,570	3 years.....	79	76	53	36	39	32	30	27	18	37
Montana.....	477,355	2 years.....	15	19	15	18	14	13	17	10	13	33
Nevada.....	110,738	2 years.....	0	2	(1)	0	0	2	0	1	0	1
New Jersey.....	3,014,194	5 years.....	611	483	506	423	511	438	416	507	395	465
New York.....	10,460,182	5 years.....	2,662	1,744	1,928	1,715	1,949	1,767	1,733	1,590	1,896	1,711
North Dakota.....	765,319	3 years.....	33	681	702	490	613	49	24	49	23	23
Ohio.....	5,212,085	3 years.....	909	644	80	69	68	56	469	42	49	421
Oklahoma.....	2,280,855	5 years.....	38	15	29	3	3	20	19	23	23	27
Oregon.....	8,660,042	2 years.....	1,319	1,503	1,028	1,257	902	1,268	801	1,053	805	1,091
Pennsylvania.....	1,231,860	2 years.....	18	9	12	12	18	2	7	6	16	9
Porto Rico.....	625,865	2 years.....	119	99	108	93	94	114	72	80	89	102
Rhode Island.....	1,643,203	2 years.....	97	96	82	116	63	72	75	55	44	73
South Carolina.....	716,572	2 years.....	34	30	17	35	28	16	17	27	8	16
Texas.....	4,515,422	1915.....	140	173	96	123	70	78	142	43	28	63
Utah.....	443,866	4 years.....	37	28	31	17	30	23	30	9	22	9
Vermont.....	304,946	3 years.....	44	37	24	35	20	40	36	26	38	16
Virginia.....	2,213,025	5 years.....	259	251	252	148	222	41	97	96	78	81
Washington.....	1,537,400	4 years.....	54	25	45	45	43	43	43	43	40	52
West Virginia.....	1,412,602	4 years.....	251	82	55	223	188	188	180	147	36	36
Wisconsin.....	2,527,167	4 years.....	261	291	133	223	188	216	147	117	117	101
Wyoming.....	184,970	4 years.....	2	5	4	8	2	2	0	1	0	0

State.	Number of cases reported.									
	August.	September.	October.	November.	December.	Average.	1917.	1917.	1917.	Average.
Alabama.....	62	56	121	111	160	86	107	56	61	617
Arkansas.....	149	115	149	112	249	298	342	303	75	298
California.....	32	44	61	28	61	76	73	49	63	2,772
Colorado.....	92	104	146	162	252	337	290	388	84	564
Connecticut.....	16	9	25	65	60	357	91	263	284	536
District of Columbia.....	11	14	15	11	13	10	10	88	92	2,686
Hawaii.....	501	722	754	1,212	1,362	814	1,521	2,046	1,421	1,161
Illinois.....	174	207	366	424	713	792	693	592	486	11,305
Indiana.....	25	39	46	59	128	104	152	78	90	3,623
Iowa.....	49	46	81	79	262	193	335	221	218	835
Kansas.....	165	105	306	180	222	203	131	111	162	1,366
Louisiana.....	55	27	15	22	22	73	23	44	82	1,333
Maine.....	90	69	188	124	302	246	305	228	87	998
Maryland.....	368	590	425	729	596	1,152	673	1,181	739	2,212
Massachusetts.....	283	398	391	381	680	888	754	861	649	1,596
Michigan.....	145	303	186	321	341	442	334	415	275	5,025
Minnesota.....	102	64	148	166	224	179	180	155	137	103
Mississippi.....	13	15	14	20	21	25	20	25	22	162
Nevada.....	(1)	2	(1)	0	0	6	0	4	0	194
New Jersey.....	296	248	379	402	613	610	758	676	661	6,070
New York.....	997	1,010	1,054	1,136	1,634	1,966	1,780	1,889	2,011	5,325
North Dakota.....	34	71	61	27	27	27	78	95	104	1,710
Ohio.....	438	771	838	1,323	1,094	1,425	1,020	995	722	19,183
Oklahoma.....	59	21	158	82	295	91	233	121	180	1,308
Oregon.....	17	14	17	20	22	37	22	22	37	1,291
Pennsylvania.....	826	982	1,087	1,626	1,719	2,241	1,858	2,046	1,607	1,503
Puerto Rico.....	22	5	18	16	22	10	12	7	10	158
Rhode Island.....	61	72	65	69	104	166	113	105	94	104
South Carolina.....	166	137	341	216	571	258	245	227	217	1,034
South Dakota.....	13	18	15	8	21	8	37	33	17	1,186
Texas.....	78	27	203	75	533	183	651	202	25	1,534
Utah.....	17	26	23	37	38	52	40	42	39	2,268
Vermont.....	26	18	25	28	72	46	61	28	34	2,433
Virginia.....	228	149	450	266	330	281	639	380	349	3,354
Washington.....	27	25	32	35	33	42	44	41	41	2,048
West Virginia.....	149	195	125	180	245	125	125	173	73	462
Wisconsin.....	(1)	5	5	12	4	12	4	217	21	2,183
Wyoming.....										14

1 Less than 1.

State.

	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Total deaths, 1917.	Total cases, 1917.	Average number of cases per year.
Arkansas.....	.061	.061	191	737	1,312
California.....	.065	.065	37,15	288	7,72
Colorado.....	.066	.066	198	2,564	593
Connecticut.....	.066	.066	138	1,333	1,871
District of Columbia.....	.066	.066	224	1,363	9,46
Hawaii.....	.077	.077	37	1,130	3,27
Illinois.....	.082	.082	18	1,121	14,86
Indiana.....	.082	.082	1,725	2,292	12,56
Iowa.....	.084	.084	1,444	1,444	10,84
Kansas.....	.084	.084	1,266	1,266	21,66
Louisiana.....	.084	.084	114	1,022	11,46
Maine.....	.084	.084	1,653	1,653	8,35
Maryland.....	.084	.084	655	655	8,35
Massachusetts.....	.084	.084	389	2,152	21,52
Michigan.....	.085	.085	1,162	1,162	8,39
Minnesota.....	.085	.085	836	2,734	8,10
Mississippi.....	.085	.085	7,300	7,300	10,73
Montana.....	.085	.085	783	2,359	10,73
Nevada.....	.085	.085	1,682	1,682	6,53
New Jersey.....	.085	.085	1,551	1,551	11,10
New York.....	.085	.085	1,481	1,481	11,46
North Dakota.....	.085	.085	607	607	13,58
Ohio.....	.085	.085	1,172	1,172	26,32
Oklahoma.....	.085	.085	1,757	1,757	8,39
Oregon.....	.085	.085	1,834	1,834	14,86
Pennsylvania.....	.085	.085	748	748	10,67
Puerto Rico.....	.085	.085	749	749	1,522
Rhode Island.....	.085	.085	108	108	14,78
South Carolina.....	.085	.085	1,319	1,319	14,78
South Dakota.....	.085	.085	1,17	1,17	1,188
Texas.....	.085	.085	1,198	1,198	9,94
Utah.....	.085	.085	2,016	2,016	12,29
Vermont.....	.085	.085	1,894	1,894	23,23
Virginia.....	.085	.085	1,925	1,925	1,925
Washington.....	.085	.085	1,925	1,925	11,35
West Virginia.....	.085	.085	73	73	256
Wisconsin.....	.085	.085	656	656	11,35
Wyoming.....	.085	.085	129	129	129

## MALARIA.

State.	January.			February.			March.			April.			May.			June.			July.		
	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	
Estimated population July 1, 1917.																					
Alabama.....	2,363,939	51	11	18	10	43	19	52	17	82	23	134	47	248	55						
Arkansas.....	1,766,343	159	30	239	38	246	24	243	31	275	31	440	33	447	28						
California.....	3,029,032	15	0	17	0	22	1	28	1	33	3	55	2	75	5						
Colorado.....	988,320	0	0	1	0	1	0	1	0	1	0	0	0	0	0						
Illinois.....	6,234,965	60	3	81	3	30	5	49	6	53	7	121	7	162	14						
Kansas.....	1,861,870	1	0	1	1	1	2	1	1	4	6	6	4	4	4						
Louisiana.....	1,836,954	36	25	53	26	160	14	130	16	106	28	213	42	243	37						
Maryland.....	1,373,673	3	0	1	0	0	0	4	0	6	0	12	0	0	6						
Massachusetts.....	3,775,973	1	0	2	0	5	1	2	0	5	0	16	1	11	2						
Minnesota.....	2,312,445	0	0	0	0	0	0	0	0	1	0	0	0	0	0						
Mississippi.....	1,976,570	4,814	18	4,473	21	5,717	31	7,222	27	9,587	65	11,389	62	15,859	190						
New Jersey.....	3,044,194	0	0	3	1	4	0	9	0	17	0	22	0	36	1						
Ohio.....	5,212,065	0	0	1	0	1	0	1	2	1	1	0	1	1	0						
Pennsylvania.....	8,660,042	0	3	0	1	0	2	0	0	1	0	1	1	1	2						
Porto Rico.....	1,231,880	30	193	48	156	35	138	17	144	14	151	31	133	16	166						
South Carolina.....	1,643,205	40	11	13	5	32	8	62	12	37	11	86	19	72	39						
Virginia.....	2,213,025	378	0	276	0	381	0	445	0	547	0	911	0	987	1						
Wisconsin.....	2,527,167	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

State.	August.		September.		October.		November.		December.		Cases reported per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Total cases, 1917.	Cases reported per 1,000 inhabitants.		
Alabama.....	933	98	445	112	305	74	111	41	54	2,476	530	21.41
Arkansas.....	762	64	501	116	429	84	108	61	283	4,592	616	0.224
California.....	135	8	156	9	141	7	47	4	12	6	46	13.41
Colorado.....	0	0	0	0	0	0	0	0	0	243	46	.349
Illinois.....	102	21	121	15	11	18	89	2	1,310	7	2,389	6.25
Kansas.....	7	2	7	1	4	4	1	0	1	38	26	.015
Louisiana.....	317	49	268	74	199	50	141	39	98	1,974	425	.002
Maryland.....	14	2	9	0	6	1	0	1	0	0	108	.017
Massachusetts.....	13	0	12	0	7	0	2	1	2	0	78	.017
Minnesota.....	0	1	0	0	0	0	0	0	0	0	5	.017
Mississippi.....	28,234	140	25,435	19	263	15,079	142	8,382	77	4,436	33	.002
New Jersey.....	28	1	3	6	5	1	0	0	4	0	1	.002
Ohio.....	5	3	6	5	1	0	1	0	0	0	17	.003
Pennsylvania.....	1	2	4	0	1	2	1	3	0	0	11	.003
Porto Rico.....	11	157	143	123	455	161	372	129	580	134	1,752	.003
South Carolina.....	134	45	260	65	108	44	49	15	14	8	927	.564
Virginia.....	1,181	0	1,051	0	628	334	0	0	183	7,303	0	.172
Wisconsin.....	0	0	0	0	0	0	0	0	0	1	0	.300

<sup>1</sup> Most of these cases occurred earlier in the year, but were reported in December.

### MEASLES.

Number of cases reported.

State	Number of cases reported.										Average number of cases per year.	Total cases, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated death rate per 1,000 cases, 1917.				
	August,		September,		October,		November,		December.									
	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.	Average, 1917.								
Alabama.....	14	157	9	64	4	165	11	407	23	1,027	776	19,182	466	8,119				
Arkansas.....	150	235	319	339	323	360	404	835	7,007	21,845	216	4,412	2,75	2,43				
California.....	20	100	59	16	49	25	61	18	129	4,291	188	7,248	69	122				
Colorado.....	68	108	32	54	83	206	414	363	6,333	10,374	69	10,497	67	.062				
Connecticut.....	30	34	11	25	13	33	21	56	2,476	7,462	5,897	1,69	100	.67				
District of Columbia.....	13	1	23	2	86	1	86	1	2,376	3,807	14	10,309	37	.038				
Hawaii.....	312	114	159	260	122	511	380	984	417	19,159	49,512	2,91	2,91	.014				
Illinois.....	89	67	55	22	180	50	323	116	790	270	14,254	30,083	550	10,069	.155			
Indiana.....	37	27	22	47	37	176	95	448	156	700	6,998	22,464	233	10,04	.184			
Kansas.....	34	70	26	23	71	364	160	1,871	880	626	10,534	226	12,130	126	.135			
Louisiana.....	53	43	34	52	68	48	323	359	238	790	1,129	3,035	130	3,904	.167			
Maine.....	133	154	103	82	123	102	424	424	291	771	446	8,782	117	7,726	.110			
Maryland.....	384	380	171	241	385	589	745	1,232	2,005	1,920	25,336	23,880	366	6,324	.085			
Massachusetts.....	73	212	73	98	229	467	321	437	514	528	8,252	12,453	241	4,025	.097			
Michigan.....	44	41	22	39	42	131	211	183	189	4,302	8,303	121	3,391	1,94	.058			
Minnesota.....	109	406	111	307	55	1,265	129	5,792	222	9,360	7,536	49,422	546	25,004	1,46	.032		
Mississippi.....	20	29	17	7	49	24	48	22	110	47	2,124	3,885	40	8,215	.276			
Montana.....	1	1	1	0	0	7	25	8	6	47	2,226	1,465	1	13,229	.07			
Nevada.....	1,118	954	531	525	1,021	1,018	1,907	855	1,951	3,062	5,471	61,584	892	5,618	.147			
New Jersey.....	261	127	150	101	324	202	780	433	1,272	307	29,848	1,135	5,646	5,622	.085			
New York.....	9	13	8	11	18	40	1	36	46	38	374	2,971	168	1,483	.194			
North Dakota.....	32	8	22	8	24	1,320	590	2,741	68	162	1,387	4,628	55	5,369	.108			
Oklahoma.....	873	248	518	345	540	861	18	27	967	4,411	67,069	31,417	513	1,149	.064			
Oregon.....	12	11	6	3	13	29	30	39	115	362	638	7,001	1,372	5,683	.163			
Pennsylvania.....	26	22	2	6	4	39	12	116	18	38	40	1,474	720	1,150	.120			
Rhode Island.....	19	25	13	18	100	64	242	267	296	565	2,079	5,646	181	3,436	.111			
Rhode Island.....	68	107	56	39	60	21	62	29	96	591	4,032	15,035	672	5,367	.234			
South Carolina.....	176	172	131	133	240	134	499	646	937	23,94	1,114	10,426	104	33,873	.149			
South Dakota.....	101	35	62	18	316	19	559	38	763	365	6,984	17,244	293	28,569	.234			
Texas.....	3	22	0	0	4	35	55	84	900	900	1,477	1,028	3	1,434	.216			
Utah.....	19	25	13	18	100	64	242	267	296	591	4,032	15,035	104	33,873	.149			
Vermont.....	16	172	131	133	240	134	499	646	937	23,94	1,114	10,426	79	28,569	.163			
Virginia.....	101	35	62	18	316	19	559	38	763	365	6,984	17,244	293	10,526	.114			
Washington.....	78	94	50	40	226	162	8	17	54	417	8,183	3,922	50	2,776	.127			
West Virginia.....	3	7	4	6	11	333	236	54	408	408	61	5,711	1,064	1,260	.024			
Wyoming.....													7	5,752	.038			

February 21, 1919.

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## POLIOMYELITIS (INFANTILE PARALYSIS).

State.	Estimated population July 1, 1917.	Averages for -	Number of cases reported.					
			January.	February.	March.	April.	May.	June.
	Average, 1917	Average, 1917	Average, 1917	Average, 1917	Average, 1917	Average, 1917	Average, 1917	Average, 1917
Alabama.....	2,363,939	2 years.....	1	3 (1)	3 (1)	3 (1)	2	3 (1)
Kansas.....	1,766,343	2 years.....	1	2 (1)	2 (1)	2 (1)	2	3 (1)
California.....	3,029,032	4 years.....	6	0 (1)	2 (1)	4 (1)	3 (1)	5 (1)
Colorado.....	1,088,320	1916-1917	0	0 (1)	1 (1)	0 (1)	0 (1)	0 (1)
Connecticut.....	1,260,377	5 years.....	(1)	3 (1)	4 (1)	2 (1)	5 (1)	3 (1)
District of Columbia.....	380,282	5 years.....	(1)	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Taiwan.....	219,580	4 years.....	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Illinois.....	6,294,966	3 years.....	11	10 (1)	11 (1)	9 (1)	8 (1)	13 (1)
Indiana.....	2,835,492	5 years.....	12	4 (1)	11 (1)	7 (1)	8 (1)	13 (1)
Iowa.....	2,244,771	4 years.....	2	3 (1)	3 (1)	3 (1)	2 (1)	3 (1)
Kansas.....	1,851,570	5 years.....	2	0 (1)	1 (1)	0 (1)	2 (1)	0 (1)
Louisiana.....	1,860,954	3 years.....	2	0 (1)	3 (1)	0 (1)	2 (1)	1 (1)
Pennsylvania.....	1,777,340	1916-1917	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Maryland.....	1,373,673	2 years.....	6	7 (1)	2 (1)	3 (1)	2 (1)	2 (1)
Massachusetts.....	3,775,973	3 years.....	6	14 (1)	3 (1)	6 (1)	8 (1)	9 (1)
Michigan.....	3,061,266	4 years.....	3	6 (1)	2 (1)	2 (1)	3 (1)	4 (1)
Minnesota.....	2,312,445	5 years.....	3	2 (1)	4 (1)	2 (1)	6 (1)	7 (1)
Pennsylvania.....	1,976,570	3 years.....	6	7 (1)	11 (1)	16 (2)	10 (1)	15 (1)
Mississippi.....	1,472,935	5 years.....	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Montana.....	3,014,194	5 years.....	3	7 (1)	2 (1)	9 (2)	5 (1)	6 (1)
New Jersey.....	4,000,182	5 years.....	18	16 (1)	19 (1)	14 (1)	18 (1)	17 (1)
New York.....	786,319	3 years.....	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
North Dakota.....	2,212,085	3 years.....	8	11 (1)	6 (1)	5 (1)	12 (1)	7 (1)
Ohio.....	2,286,855	1912	1	1 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Oklahoma.....	1,861,992	3 years.....	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Oregon.....	860,042	2 years.....	5	13 (1)	1 (1)	2 (1)	4 (1)	4 (1)
Pennsylvania.....	625,965	3 years.....	1	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
Rhode Island.....	1,643,205	3 years.....	1	0 (1)	2 (1)	2 (1)	0 (1)	4 (1)
South Carolina.....	1,716,972	1913	0	2 (1)	0 (1)	1 (1)	0 (1)	1 (1)
South Dakota.....	2,213,025	3 years.....	1	0 (1)	0 (1)	0 (1)	1 (1)	0 (1)
Texas.....	4,515,423	1915	0	3 (1)	0 (1)	1 (1)	0 (1)	2 (1)
Vermont.....	364,946	3 years.....	2	3 (1)	0 (1)	6 (1)	0 (1)	0 (1)
Virginia.....	2,213,025	4 years.....	17	8 (1)	18 (1)	16 (1)	7 (2)	6 (1)
West Virginia.....	1,427,602	4 years.....	80	2 (1)	13 (1)	7 (1)	20 (1)	3 (1)
Wisconsin.....	2,537,167	4 years.....	3	2 (1)	0 (1)	1 (1)	3 (1)	2 (1)
Wyoming.....	184,570	1916	0	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)

February 21, 1919.

State.	Number of cases reported.										Average number of cases per year.	Total cases, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated death rate per 1,000, 1917.				
	August.		September.		October.		November.		December.									
	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917								
Alabama.....	32	7	8	4	4	3	4	2	1	97	42	24	0.018	57.14				
Arkansas.....	10	11	8	9	12	9	13	8	7	85	67	29	.022	43.28				
Colorado.....	2	4	2	6	3	0	3	0	0	16	8	1	.008	12.50				
Connecticut.....	76	6	58	2	25	2	8	1	3	0	211	20	.023	62.07				
District of Columbia.....	4	4	3	0	2	2	1	0	(1)	0	13	6	.016	33.33				
Hawaii.....	(1)	0	0	0	0	0	0	0	(1)	0	3	2	.009	.005				
Illinois.....	46	57	61	324	43	266	79	72	11	14	249	853	.137	27.67				
Indiana.....	21	17	21	10	18	12	9	4	4	97	69	35	.024	47.83				
Iowa.....	28	21	28	91	16	22	10	3	2	101	167	63	.071	40.13				
Kansas.....	13	20	10	23	15	7	6	4	0	68	74	17	.040	22.97				
Louisiana.....	4	0	2	2	1	1	3	0	2	31	11	55	.014	.009				
Maine.....	15	4	56	0	42	3	30	2	6	0	149	11	3	.014	27.27			
Maryland.....	44	25	55	19	62	7	22	0	2	1	269	89	15	.065	16.86			
Massachusetts.....	113	38	237	16	270	11	76	10	19	4	819	174	52	.046	29.89			
Michigan.....	53	8	59	10	37	16	10	8	6	3	198	73	32	.024	43.84			
Minnesota.....	75	13	63	13	26	6	9	1	2	3	230	75	10	.032	13.33			
Mississippi.....	16	5	11	1	7	4	7	7	11	6	156	56	9	.028	16.07			
Montana.....	9	7	11	3	7	7	3	5	(1)	1	35	37	6	.078	16.22			
New Jersey.....	430	11	199	8	58	4	12	3	4	1	848	91	34	.030	37.36			
New York.....	1,231	59	534	39	203	15	57	15	21	6	3,059	265	94	.028	31.86			
North Dakota.....	7	7	5	11	11	11	20	11	8	2	358	354	6	.047	16.67			
Ohio.....	94	93	103	76	54	31	5	0	0	14	20	9	.068	35.03				
Oklahoma.....	2	1	5	2	5	2	1	0	0	2	14	20	.009	45.00				
Oregon.....	(1)	4	2	3	8	7	2	2	(1)	2	14	1	.023	5.00				
Pennsylvania.....	389	139	422	121	209	72	47	56	17	25	1,172	555	122	.064	21.98			
Rhode Island.....	20	1	3	1	4	2	2	1	2	0	49	9	.014	.011				
South Carolina.....	2	7	1	10	2	7	0	4	2	0	16	11	.010	68.75				
Texas.....	0	1	4	1	0	1	0	0	0	8	35	9	.049	23.71				
Vermont.....	32	43	58	29	31	9	6	1	4	0	136	172	15	.471	.041			
Virginia.....	31	85	33	43	27	29	23	0	12	0	261	269	122	.025	.014			
West Virginia.....	72	6	49	6	28	13	7	5	4	6	332	38	11	.023	.027			
Wisconsin.....	47	6	49	0	0	0	1	0	1	0	57	24	.005	42.11				
Wyoming.....	2	0	3	0	0	0	0	0	0	7	1	0	.005	.....				

<sup>1</sup> Less than 1.

## ROCKY MOUNTAIN SPOTTED FEVER.

State.	January.			February.			March.			April.			May.			June.			July.		
	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	
California.....	3,029,052	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Colorado.....	988,320	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Montana.....	472,935	0	0	0	0	0	0	0	0	0	0	4	5	5	1	5	5	1	5	2	
Nevada.....	110,738	0	0	0	0	0	0	0	0	0	0	3	0	5	0	5	0	2	2	2	
Oregon.....	801,902	0	0	0	0	0	0	0	0	2	0	2	3	0	0	2	0	0	0	1	
Utah.....	443,866	0	0	0	0	0	0	0	0	0	0	5	3	0	0	2	0	0	0	1	
Wyoming.....	184,970	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	4	
State.	August.			September.			October.			November.			December.			Total cases, 1917.			Cases reported per 1,000 inhab- itants.		
	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Cases.	Cases.	Deaths.	Total deaths, 1917.	Total cases, 1917.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000.
California.....	2	0	0	0	0	0	0	0	0	0	0	3	1	0	0.001	33.33	33.33	.....	.....	.....	0.002
Colorado.....	0	0	0	0	0	0	0	0	0	0	0	5	2	0	.005	40.00	40.00	.....	.....	.....	.002
Montana.....	0	0	0	0	0	0	0	0	0	0	0	14	8	0	.030	57.14	57.14	.....	.....	.....	.017
Nevada.....	0	0	1	0	0	0	0	0	0	0	0	12	2	0	.108	16.67	16.67	.....	.....	.....	.018
Oregon.....	0	0	0	0	0	0	0	0	0	0	0	4	6	0	.154	.034	.034	.....	.....	.....	.....
Utah.....	0	0	0	0	0	0	0	0	0	0	0	15	6	0	.13	.03	.03	.....	.....	.....	.....
Wyoming.....	0	0	0	0	0	0	0	0	0	0	0	3	1	0	.13	.03	.03	.....	.....	.....	.....

**February 21, 1919.**

## SEPTIC SORE THROAT.

SCARLET FEVER.

#### **Number of cases reported**

State.	Estimated population July 1, 1917.	Averages for—	Number of cases reported.						July.						
			January.		February.		March.		April.		May.				
			Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917			
Alabama . . . . .	2,363,860	3 years . . . . .	31	101	37	66	28	42	11	33	25	19	37	30	23
Kansas . . . . .	1,066,343	4 years . . . . .	304	27	12	66	30	42	2	219	8	2	2	26	
California . . . . .	3,029,032	4 years . . . . .	606	260	276	535	218	411	393	136	358	120	120	199	
Colorado . . . . .	988,320	2 years . . . . .	155	87	90	116	251	158	123	95	52	69	37	44	
Connecticut . . . . .	2,265,373	5 years . . . . .	245	132	214	43	64	54	217	173	140	131	114	21	
District of Columbia . . . . .	570,282	5 years . . . . .	65	55	65	0	(1)	0	53	47	44	30	28	11	
Hawaii . . . . .	219,580	3 years . . . . .	1	4	0	2,476	1,324	2,660	1,587	6,50	1	1	(1)	2	
Illinois . . . . .	6,237,965	3 years . . . . .	1,433	535	538	512	525	525	1,327	6,50	1,149	2,368	1,340	147	
Indiana . . . . .	2,833,492	4 years . . . . .	580	460	158	149	190	167	416	543	270	443	193	454	
Iowa . . . . .	2,224,771	4 years . . . . .	131	111	112	112	112	112	171	140	106	203	106	123	
Kansas . . . . .	1,870,870	5 years . . . . .	177	258	186	403	191	516	137	495	125	455	103	79	
Louisiana . . . . .	1,836,954	3 years . . . . .	16	16	12	14	14	9	17	9	13	8	13	4	
Maine . . . . .	1,777,340	1916 . . . . .	6	13	13	13	13	8	13	10	9	3	7	5	
Maryland . . . . .	1,375,673	2 years . . . . .	359	154	266	131	265	133	237	136	186	120	135	30	
Massachusetts . . . . .	3,775,973	3 years . . . . .	854	672	721	567	827	724	671	632	615	567	403	241	
Michigan . . . . .	3,094,296	4 years . . . . .	1,518	481	1,602	1,602	1,602	1,385	458	2,057	318	1,493	220	384	
Minnesota . . . . .	2,312,445	3 years . . . . .	444	366	487	343	635	320	581	377	392	310	253	127	
Mississippi . . . . .	1,976,570	3 years . . . . .	38	29	52	31	15	24	25	45	29	27	22	16	
Montana . . . . .	472,935	4 years . . . . .	67	121	58	74	78	83	88	93	72	97	43	78	
Nevada . . . . .	110,728	2 years . . . . .	28	12	23	6	24	12	15	0	16	8	6	7	
New Jersey . . . . .	3,014,194	5 years . . . . .	383	542	550	581	685	742	618	549	525	560	434	357	
New York . . . . .	10,460,182	5 years . . . . .	1,840	1,862	1,706	2,471	2,237	2,285	2,426	2,057	1,745	1,334	1,079	575	
North Dakota . . . . .	7,265,319	3 years . . . . .	37	62	62	62	62	68	87	48	48	32	32	15	
Ohio . . . . .	5,212,085	3 years . . . . .	1,400	1,220	947	1,066	924	1,306	834	1,196	562	1,147	387	331	
Oklahoma . . . . .	2,785,855	3 years . . . . .	163	122	129	317	157	170	66	158	40	74	44	37	
Pennsylvania . . . . .	8,801,002	5 years . . . . .	49	122	48	110	55	133	56	114	55	129	36	64	
Rhode Island . . . . .	8,600,042	2 years . . . . .	872	941	807	824	926	830	922	862	791	820	563	326	
Puerto Rico . . . . .	1,291,880	1914 . . . . .	2	0	0	0	0	0	0	0	0	1	0	1	
Rhode Island . . . . .	625,865	2 years . . . . .	115	64	97	45	138	71	117	45	116	67	68	42	
South Carolina . . . . .	1,643,205	4 years . . . . .	200	14	12	4	11	6	12	12	4	12	13	15	
Texas . . . . .	716,972	2 years . . . . .	57	82	70	101	79	98	48	85	54	77	14	28	
Utah . . . . .	4,515,433	1915 . . . . .	65	160	142	110	75	67	55	37	61	66	46	56	
Vermont . . . . .	443,946	4 years . . . . .	129	321	141	307	109	266	70	241	74	203	37	53	
Virginia . . . . .	364,946	3 years . . . . .	49	98	31	238	55	101	48	81	51	36	29	58	
Washington . . . . .	2,213,025	4 years . . . . .	254	165	183	123	63	65	45	68	33	50	73	45	
West Virginia . . . . .	1,597,400	4 years . . . . .	85	120	78	98	80	120	66	88	52	68	34	31	
Wisconsin . . . . .	2,412,602	4 years . . . . .	360	70	47	32	32	38	32	30	30	30	14	19	
Wyoming . . . . .	2,597,167	4 years . . . . .	15	70	289	924	427	1,329	400	581	270	860	172	128	
Wyoming . . . . .	184,970	4 years . . . . .	15	10	22	13	16	235	14	43	16	65	3	5	

State.	Number of cases reported.										Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August, 1917	September, 1917	October, 1917	November, 1917	December, 1917	Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.				
Average age,	Average age,	Average age,	Average age,	Average age,	Average age,								
Alabama.....	53	47	84	106	108	147	85	139	47	635	821	347	35.93
Arkansas.....	28	20	11	27	35	33	366	327	66	254	14	.144	.025
California.....	100	106	147	200	308	355	655	837	319	2,926	4,422	49	.551
Colorado.....	28	29	27	55	83	87	126	126	124	1,082	712	12	.016
Connecticut.....	45	41	63	57	104	124	142	217	174	1,75	1,829	17	.012
District of Columbia.....	11	9	19	39	61	61	37	70	56	121	400	564	.013
Hawaii.....	2	(1)	0	1	1	0	(1)	0	0	11	19	7	.022
Illinois.....	362	351	528	714	965	232	1,016	648	11,534	19,825	791	1	.032
Indiana.....	106	71	200	401	384	500	478	747	4,326	4,832	143	3,180	.127
Iowa.....	18	30	33	42	66	112	74	184	65	282	1,08	1,566	2,96
Kansas.....	39	72	60	73	161	232	191	341	202	417	1,567	3,490	.050
Louisiana.....	9	10	16	18	24	32	35	35	26	21	194	163	54
Maine.....	35	5	38	17	12	13	13	11	32	215	145	5	.006
Maryland.....	49	31	85	73	128	151	195	166	192	145	2,189	1,345	.164
Massachusetts.....	173	145	233	248	418	440	567	587	919	671	6,635	5,933	.031
Michigan.....	116	244	180	314	294	476	463	625	516	736	4,141	11,727	.198
Minnesota.....	107	148	115	147	205	189	259	285	330	406	3,944	3,331	.050
Mississippi.....	30	50	56	56	74	98	53	59	58	54	460	544	9
Montana.....	21	56	26	67	39	84	54	265	52	202	624	1,435	.005
Nevada.....	3	5	2	7	8	13	42	10	23	19	198	113	.167
New Jersey.....	120	103	152	229	291	327	370	408	339	4,776	4,776	49	.045
New York.....	276	425	436	663	810	927	1,194	2,844	1,300	16,294	15,234	261	.016
North Dakota.....	22	12	35	35	20	20	20	20	71	529	9,965	197	.025
Ohio.....	241	215	458	370	889	679	1,047	894	1,040	813	8,622	1,889	.19
Oklahoma.....	71	210	113	98	149	114	214	261	197	1,314	1,217	52	.001
Oregon.....	15	32	19	30	40	64	64	65	531	1,396	1,314	12	.038
Pennsylvania.....	266	295	368	623	763	857	885	929	894	8,260	8,444	14	.015
Porto Rico.....	0	0	0	0	0	0	0	0	0	3	1	0	.001
Rhode Island.....	30	10	29	92	47	104	48	75	52	1,031	538	197	.005
South Carolina.....	15	3	38	58	26	42	43	23	11	285	188	8	.006
South Dakota.....	6	29	15	20	27	77	21	77	34	55	451	765	4
Texas.....	35	21	98	321	90	417	164	324	320	1,711	1,217	52	.012
Utah.....	23	30	43	32	98	184	96	297	90	261	899	2,395	.005
Vermont.....	24	21	19	15	33	47	41	74	57	62	474	19	.052
Virginia.....	83	41	66	278	104	345	126	248	101	1,916	970	20	.038
Washington.....	29	36	34	58	70	66	86	123	84	105	59	415	.013
West Virginia.....	27	61	61	64	105	105	105	105	105	2,973	7,038	2,785	.058
Wisconsin.....	85	151	94	190	171	330	259	445	318	1,212	1,212	388	.000
Wyoming.....	7	10	8	15	12	35	5	42	9	72	388	14	.076

1 Less than 1.

February 21, 1919.

## SMALLPOX.

State.	Estimated population July 1, 1917.	Averages are for—	Number of cases reported.										
			January.	February.	March.	April.	May.	June.	July.	Average.	1917	Average.	
Alabama.....	2,363,339	3 years.....	106	73	115	28	104	32	84	55	63	71	53
Arkansas.....	1,766,343	4 years.....	156	40	65	232	571	251	245	50	91	50	28
California.....	3,029,032	4 years.....	75	34	64	62	76	24	18	50	23	30	18
Colorado.....	988,320	3 years.....	34	1	33	19	22	16	18	18	31	15	20
Connecticut.....	1,265,373	4 years.....	6	60	9	62	5	108	4	39	5	55	27
District of Columbia.....	369,282	4 years.....	11	0	7	9	0	0	3	1	2	11	4
Illinois.....	6,234,956	2 years.....	378	556	325	910	607	526	323	657	303	811	177
Indiana.....	2,855,492	4 years.....	304	498	451	371	477	380	497	334	360	251	120
Iowa.....	2,224,771	3 years.....	346	163	338	107	434	155	342	173	276	137	106
Kansas.....	1,851,870	4 years.....	186	126	217	189	306	305	268	243	221	240	152
Louisiana.....	1,856,954	3 years.....	93	155	82	130	78	123	102	69	39	102	18
Maine.....	777,340	.....	0	0	0	0	0	0	5	5	12	44	44
Maryland.....	1,375,673	2 years.....	13	0	10	3	1	7	24	5	21	6	4
Massachusetts.....	3,775,973	2 years.....	5	0	2	3	2	13	14	6	27	26	10
Michigan.....	3,094,266	4 years.....	188	191	157	142	178	146	143	291	130	233	114
Minnesota.....	2,312,445	4 years.....	315	200	279	249	255	322	243	248	166	274	112
Mississippi.....	1,976,570	3 years.....	223	196	265	92	232	155	261	221	163	170	80
Montana.....	472,935	3 years.....	109	193	102	139	95	87	104	68	82	77	84
Nevada.....	110,738	2 years.....	51	4	19	7	13	0	20	0	48	1	14
New Jersey.....	3,017,194	4 years.....	8	2	3	0	17	2	22	0	4	1	6
New York.....	10,460,182	4 years.....	109	2	91	4	42	4	49	13	37	33	24
North Dakota.....	765,319	1913.....	16	28	18	41	36	62	66	87	10	43	13
Ohio.....	5,212,085	4 years.....	426	199	370	214	394	338	361	422	301	516	265
Oklahoma.....	2,289,855	2 years.....	614	222	420	264	504	434	366	345	250	321	151
Oregon.....	861,992	4 years.....	82	13	84	4	69	20	65	28	43	42	11
Pennsylvania.....	8,660,042	1916.....	9	13	5	12	19	14	44	10	60	6	39
Porto Rico.....	1,231,880	4 years.....	77	6	51	11	13	13	40	8	8	1	4
South Carolina.....	1,643,205	4 years.....	77	6	51	12	68	15	86	2	47	3	18
South Dakota.....	716,972	2 years.....	130	91	171	80	170	189	161	87	101	102	21
Texas.....	4,515,423	2 years.....	285	132	282	131	354	199	294	153	187	117	132
Utah.....	443,866	3 years.....	256	40	233	62	179	40	145	61	169	96	79
Vermont.....	364,946	4 years.....	24	0	16	0	12	2	20	5	16	38	15
Virginia.....	2,213,025	4 years.....	263	72	226	145	229	145	213	57	144	105	97
Washington.....	1,567,460	4 years.....	121	52	89	34	104	32	39	33	39	79	35
West Virginia.....	1,412,602	4 years.....	5	92	5	4	40	8	21	158	106	30	42
Wisconsin.....	2,327,167	4 years.....	333	92	257	130	237	89	158	111	94	115	37
Wyoming.....	184,970	4 years.....	10	1	21	1	7	9	0	4	2	11	5

State.	Number of cases reported.									
	August.		September.		October.		November.		December.	
Average.	1917	Average.	1917	Average.	1917	Average.	1917	Average.	1917	Average.
Alabama.....	15	16	3	17	7	63	17	44	24	160
Arkansas.....	20	11	17	26	16	44	28	16	35	272
California.....	21	11	17	26	16	35	14	117	13	512
Colorado.....	7	14	8	11	19	35	14	117	13	277
Connecticut.....	(1)	1	3	2	28	3	19	1	33	323
District of Columbia.....	1	0	1	0	(1)	0	3	3	3	120
Illinois.....	52	114	53	146	192	168	325	93	375	177
Indiana.....	86	91	72	53	96	200	239	586	247	292
Iowa.....	11	31	23	25	45	128	101	288	170	465
Kansas.....	21	24	22	22	61	127	152	402	176	546
Louisiana.....	9	12	4	8	11	32	44	27	89	98
Maine.....	(1)	12	7	7	7	41	28	228	199	199
Maryland.....	0	(1)	0	0	0	(1)	0	22	52	81
Massachusetts.....	3	1	3	1	1	6	0	10	2	10
Michigan.....	34	51	28	66	76	236	139	465	156	744
Minnesota.....	38	71	27	73	63	223	101	245	195	356
Mississippi.....	43	37	59	22	59	64	37	82	174	205
Montana.....	26	62	16	78	74	76	210	70	255	857
Nevada.....	(1)	1	0	0	(1)	0	1	0	3	1,392
New Jersey.....	(1)	0	(1)	0	(1)	0	1	0	1	172
New York.....	8	4	10	2	8	97	28	25	106	62
North Dakota.....	13	8	5	30	67	31	39	36	73	451
Ohio.....	134	49	178	150	510	263	800	326	1,135	395
Oklahoma.....	64	69	53	87	51	170	216	139	998	5,242
Oregon.....	17	1	9	1	12	1	58	3	30	7
Pennsylvania.....	1	13	4	13	2	20	6	62	7	544
Porto Rico.....	12	0	1	3	1	1	1	3	1	1,450
South Carolina.....	22	1	4	1	1	8	24	22	31	114
South Dakota.....	14	34	18	26	36	24	73	53	205	505
Texas.....	33	35	30	49	37	82	165	165	1,336	1,330
Vermont.....	8	0	1	0	2	0	3	0	5	170
Virginia.....	41	18	26	5	34	56	65	8	108	59
Washington.....	24	30	22	15	31	26	47	13	50	51
West Virginia.....	24	21	20	16	160	101	160	113	265	413
Wisconsin.....	61	62	40	18	91	20	160	225	2,000	1,250
Wyoming.....	4	17	2	3	8	2	3	10	6	65

1 Less than 1.

Number of cases reported.

Cases reported per 1,000 inhabitants, 1917.

Total deaths, 1917.

Average number of cases per year.

Total cases, 1917.

Indicated fatality rate per 100 cases, 1917.

Indicated death rate per 1,000, 1917.

February 21, 1910.

## TUBERCULOSIS (PULMONARY).

State,	Estimated population July 1, 1917.	Number of cases reported.											
		January.		February.		March.		April.		May.		June.	
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917
Alabama.....	2,363,939	229	250	216	285	278	329	291	347	264	287	247	288
Hawaii.....	219,580	88	83	120	77	89	68	61	61	68	74	60	86
Illinois.....	6,294,995	59	59	1,235	1,235	1,294	1,294	973	973	834	834	233	1,089
Indiana.....	2,845,492	202	202	232	314	241	360	225	327	263	345	269	223
Maryland.....	1,373,673	229	304	279	239	280	299	268	275	357	334	289	236
Massachusetts.....	3,775,973	667	711	685	652	702	698	647	725	722	699	689	736
Minnesota.....	2,312,445	316	431	326	386	406	394	386	440	369	485	397	426
Montana.....	472,935	14	35	27	40	13	12	44	14	30	23	29	17
Nevada.....	110,738	2	2	2	2	2	2	2	2	2	2	2	2
New York.....	10,460,182	2,948	2,934	2,576	2,261	2,960	2,952	2,786	2,141	2,754	2,268	2,973	2,302
North Dakota.....	765,319	5	5	5	13	8	8	7	7	20	20	21	26
Rhode Island.....	625,825	73	58	61	64	77	94	77	102	78	89	83	89
South Carolina.....	1,643,265	40	28	28	23	23	17	17	24	24	27	30	30
South Dakota.....	716,972	13	8	8	10	10	35	35	35	7	7	14	20
Utah.....	443,866	5	6	5	5	5	5	5	6	6	7	7	3
Vermont.....	364,946	13	24	17	5	19	15	18	15	16	11	27	44
Washington.....	1,597,400	72	153	98	83	123	103	114	139	64	105	87	31
West Virginia.....	1,412,602	34	34	24	40	40	40	40	27	34	34	35	10

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State	Number of cases reported.												Number of cases reported for each death registered, 1917.	
	August.		September.		October.		November.		December.		1916			
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	Total cases, 1916.	Total deaths, 1917.		
Alabama.....	242	264	189	224	215	221	179	173	205	209	2,809	3,169	2,058	
Hawaii.....	40	85	50	65	62	85	73	57	97	80	855	904	1,341	
Illinois.....	1,237	1,230	1,236	1,236	1,236	1,236	1,532	1,538	1,538	1,538	12,710	7,114	4,117	
Indiana.....	200	230	190	236	181	200	132	248	173	185	2,455	3,267	2,038	
Maryland.....	324	274	284	210	222	226	223	196	244	225	3,287	3,287	3,287	
Massachusetts.....	624	693	622	634	532	394	597	540	702	718	607	7,878	8,365	
Minnesota.....	392	346	304	440	342	394	257	328	352	319	4,152	4,806	4,806	
Montana.....	27	15	44	18	25	25	20	11	31	16	289	245	383	
Nevada.....	4	4	3	5	5	5	4	4	5	5	64	44	578	
New York.....	2,409	2,714	2,298	1,908	2,650	2,353	2,229	2,112	2,227	1,745	29,872	28,080	14,739	
North Dakota.....	86	17	71	11	16	16	11	11	10	10	859	848	1,355	
Rhode Island.....	37	71	61	70	46	52	54	63	54	54	174	264	1,01	
South Carolina.....	12	12	17	11	11	19	19	19	19	19	207	1,623	1,336	
South Dakota.....	12	12	7	9	9	7	4	4	4	4	146	91	204	
Utah.....	4	4	7	7	6	6	2	2	5	5	60	154	154	
Vermont.....	44	8	21	11	16	13	17	24	31	67	320	262	262	
Washington.....	120	27	75	115	70	77	84	80	90	90	1,082	1,173	1,008	
West Virginia.....	32	32	25	25	25	25	28	28	28	43	308	478	1,16	

February 21, 1919.

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## TUBERCULOSIS (ALL FORMS).

State.	Estimated population July 1, 1917.	Number of cases reported.											
		January.		February.		March.		April.		May.		June.	
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917
Arkansas.....	1,766,343	32	66	563	538	592	483	29	64	644	473	54	94
California.....	3,029,032	601	683	566	556	156	130	647	644	473	457	408	439
Connecticut.....	1,265,373	137	88	87	73	107	83	101	86	112	173	149	152
District of Columbia.....	369,282	79	120	87	81	101	71	69	67	79	73	82	97
Hawaii.....	219,580	100	120	87	81	101	71	69	67	79	74	60	94
Illinois.....	6,234,906	113	1250	1,211	1,063	1,211	1,063	1,211	1,063	866	1,160	1,313	1,313
Indiana.....	2,885,492	330	362	408	377	408	377	408	377	380	338	338	394
Kansas.....	1,851,870	163	134	136	115	117	178	97	127	138	152	107	126
Louisiana.....	1,856,934	23	23	215	213	215	213	215	213	183	164	146	113
Maine.....	777,340	52	52	22	24	22	24	22	24	36	36	174	291
Massachusetts.....	3,775,973	716	728	724	750	725	715	720	783	767	745	801	886
Michigan.....	3,064,266	264	540	579	495	524	551	604	562	651	540	534	245
Minnesota.....	2,312,445	362	458	376	410	455	429	426	483	449	320	447	322
Mississippi.....	1,976,559	513	513	568	558	620	526	594	594	724	538	617	617
New Jersey.....	3,014,194	834	785	735	657	983	850	964	726	886	764	825	698
New York.....	10,460,182	2,398	2,997	2,694	2,319	3,021	3,015	2,849	2,197	2,820	2,321	3,038	2,355
North Dakota.....	765,319	56	14	56	10	14	14	14	14	22	22	22	27
Ohio.....	5,212,083	538	517	568	567	688	689	619	637	535	630	518	561
Oklahoma.....	2,259,855	40	34	47	34	52	52	42	42	40	40	40	34
Oregon.....	861,992	36	36	47	28	52	89	30	62	29	63	27	72
Pennsylvania.....	8,660,042	1,136	1,036	941	769	982	1,253	1,125	1,147	1,074	1,061	964	1,015
Porto Rico.....	1,231,880	75	59	63	63	68	83	103	82	105	73	87	82
Rhode Island.....	625,863	61	61	63	9	9	12	12	12	96	84	7	91
South Dakota.....	716,972	13	13	13	9	9	9	9	9	9	9	7	20
Texas.....	4,515,423	147	290	297	88	300	361	106	337	84	69	78	55
Virginia.....	2,213,025	352	35	24	24	41	41	28	28	263	300	260	236
West Virginia.....	1,412,602	178	163	119	115	177	200	53	191	129	35	35	10
Wisconsin.....	2,527,167	178	163	119	115	115	115	115	115	263	151	204	143

State.	Number of cases reported.												Total cases, 1916.	Total cases, 1917.	Cases reported per 1,000 inhabitable inhabitants, 1917.	Indicated death rate per 1,000, 1917.	
	August.	September.	October.	November.	December.	1916	1917	1916	1917	1916	1917	1916					
Arkansas.....	1916	1917	47	623	618	43	58	706	637	15	407	517	86	6,980	7,017	2,317	1.29
California.....	1916	1917	647	153	140	152	78	91	80	89	68	161	134	1,935	2,632	1,001	1.693
Connecticut.....	1916	1917	94	94	78	78	63	87	99	61	104	83	60	1,001	963	460	2.05
District of Columbia.....	1916	1917	46	88	35	68	63	87	99	61	104	83	67	961	4331	4331	2.07
Hawaii.....	1916	1917	1,258	1,245	1,245	1,273	73	87	97	1,530	1,530	2,573	2,21	13,969	8,065	2,245	1.74
Illinois.....	1916	1917	394	106	105	117	73	130	85	251	251	307	114	1,363	3,875	3,977	1.294
Indiana.....	1916	1917	146	115	122	139	139	139	139	139	139	139	139	1,018	825	825	1.403
Kansas.....	1916	1917	127	127	43	37	37	37	37	32	32	32	32	1,879	2,784	2,784	1.550
Louisiana.....	1916	1917	34	34	34	34	34	34	34	34	34	34	34	303	878	878	1.129
Maine.....	1916	1917	Massachusetts.....	687	760	674	691	578	740	593	787	761	667	5,637	9,141	5,402	2,424
Michigan.....	1916	1917	846	282	324	465	379	418	294	345	388	349	4,649	7,076	4,856	3,199	
Minnesota.....	1916	1917	427	390	324	592	592	592	592	592	592	592	592	5,196	5,196	5,196	2.234
Mississippi.....	1916	1917	638	696	520	564	652	671	689	514	458	458	432	6,852	7,743	3,467	2.50
New Jersey.....	1916	1917	2,457	2,758	2,303	1,939	2,063	2,382	2,236	2,142	2,256	1,775	20	28,686	16,556	2,742	1.73
New York.....	1916	1917	407	477	383	466	378	490	408	494	390	398	5,997	6,454	7,453	1.583	
North Dakota.....	1916	1917	34	61	32	33	22	22	32	32	32	32	32	501	654	654	.376
Ohio.....	1916	1917	407	477	383	466	378	490	408	494	390	398	5,997	6,454	7,453	1.430	
Oklahoma.....	1916	1917	34	61	31	42	34	48	32	32	32	32	32	447	684	684	.296
Oregon.....	1916	1917	1,010	1,010	850	731	744	858	721	834	746	738	11,305	11,610	11,513	1,341	
Pennsylvania.....	1916	1917	90	66	66	99	116	116	85	85	85	103	103	951	2,707	1,015	1.329
Porto Rico.....	1916	1917	90	43	79	67	75	48	34	37	66	58	58	898	1,015	1,015	2.107
Rhode Island.....	1916	1917	14	14	7	13	13	8	8	8	4	4	4	157	98	219	1.60
South Dakota.....	1916	1917	103	290	317	269	234	190	231	147	147	147	147	194	1,239	3,917	.867
Texas.....	1916	1917	287	290	333	25	126	101	128	114	114	114	114	144	3,584	3,584	1.427
Virginia.....	1916	1917	152	274	88	126	101	128	130	114	114	114	114	156	2,103	2,397	.376
West Virginia.....	1916	1917	152	274	88	126	101	128	130	114	114	114	114	156	2,103	2,397	.948

February 21, 1919.

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## TYPHOID FEVER.

State.	Estimated population July 1, 1917.	Averages are for—	Number of cases reported.										
			January. Aver- age, 1917	February. Aver- age, 1917	March. Aver- age, 1917	April. Aver- age, 1917	May. Aver- age, 1917	June. Aver- age, 1917	July. Aver- age, 1917	1917	1917	1917	
Alabama.....	2,363,939	3 years.....	70	112	60	90	41	79	46	121	93	189	309
Arkansas.....	1,766,343	4 years.....	91	134	74	57	79	23	25	53	102	49	305
California.....	3,029,032	2 years.....	25	21	10	5	11	6	16	28	13	21	110
Colorado.....	988,320	5 years.....	23	9	25	11	25	9	31	18	38	23	102
Connecticut.....	1,265,373	5 years.....	20	11	15	7	14	9	10	13	17	10	47
District of Columbia.....	368,282	5 years.....	10	12	15	17	18	10	15	16	14	13	26
Hawaii.....	219,580	3 years.....	287	115	233	109	213	109	109	233	182	91	196
Illinois.....	6,234,965	4 years.....	108	130	105	74	113	83	104	89	85	71	106
Indiana.....	2,835,492	4 years.....	41	37	27	35	64	31	62	32	57	47	69
Kansas.....	1,856,954	5 years.....	36	41	39	42	18	28	31	74	58	163	86
Louisiana.....	1,777,340	1916.....	48	41	41	29	42	21	29	42	55	113	160
Maine.....	1,373,673	2 years.....	24	14	11	12	2	9	9	11	6	17	3
Maryland.....	3,775,973	3 years.....	116	86	75	63	74	78	82	74	79	137	10
Massachusetts.....	3,064,266	4 years.....	108	68	84	45	72	69	86	111	99	66	112
Michigan.....	2,312,445	5 years.....	120	174	127	113	118	94	121	88	96	111	149
Minnesota.....	1,976,570	3 years.....	68	53	80	46	64	60	50	39	43	44	65
Mississippi.....	1,472,935	4 years.....	220	180	194	190	171	144	146	188	25	308	656
Montana.....	110,738	2 years.....	22	131	26	44	21	31	21	68	24	29	19
Nevada.....	3,014,194	5 years.....	10	67	2	0	4	5	6	1	7	4	11
New Jersey.....	10,400,152	5 years.....	307	257	73	56	39	57	53	60	77	44	54
North Dakota.....	765,319	3 years.....	270	162	8	153	171	188	189	211	315	225	284
Ohio.....	5,212,085	3 years.....	83	72	215	46	76	17	27	24	24	277	244
Oklahoma.....	2,286,855	3 years.....	83	13	12	15	15	17	18	14	12	15	152
Oregon.....	861,902	5 years.....	539	370	369	460	314	292	307	365	33	155	92
Pennsylvania.....	8,660,042	2 years.....	43	24	2	1	50	13	39	25	34	263	364
Puerto Rico.....	1,231,880	2 years.....	10	0	11	2	15	1	13	7	19	5	27
Rhode Island.....	625,865	2 years.....	27	12	14	15	26	11	28	19	67	14	202
South Carolina.....	1,643,205	4 years.....	27	12	6	11	4	5	2	12	3	5	2
South Dakota.....	716,972	2 years.....	2	6	11	4	5	4	2	12	3	5	4
Texas.....	4,515,423	1915.....	29	45	24	41	14	34	60	22	39	109	72
Utah.....	443,866	4 years.....	13	13	13	12	15	17	18	14	12	11	25
Vermont.....	364,946	3 years.....	17	17	7	17	6	17	13	20	8	10	41
Virginia.....	2,213,025	4 years.....	173	42	44	32	23	32	67	102	122	173	84
Washington.....	1,597,400	4 years.....	42	44	42	44	32	32	41	30	34	28	65
West Virginia.....	1,412,602	4 years.....	41	47	61	51	52	17	17	63	81	38	42
Wisconsin.....	2,527,167	4 years.....	41	47	61	30	90	52	51	83	38	23	41
Wyoming.....	154,970	4 years.....	1	23	3	6	5	2	2	0	3	11	3

State.	Number of cases reported.									
	August.	September.	October.	November.	December.	1917	1917	1917	1917	1917
Average.	1917	Average.	1917	Average.	1917	Average.	1917	Average.	1917	1917
Alabama.....	433	311	234	195	174	124	237	84	101	2,304
Arkansas.....	128	122	144	161	198	102	48	104	41	3,656
Colorado.....	174	114	157	133	76	95	27	14	1,406	774
Connecticut.....	86	69	87	105	71	63	57	39	14	1,418
District of Columbia.....	161	73	166	126	105	54	38	32	12	826
Hawaii.....	82	68	71	81	49	14	17	27	184	338
Illinois.....	15	7	15	24	14	108	17	22	27	435
Indiana.....	506	403	661	637	651	193	529	94	322	520
Kansas.....	366	484	570	370	246	249	160	34	2,662	1,966
Louisiana.....	300	493	275	263	492	175	315	119	112	497
Maine.....	85	239	67	134	92	153	83	71	121	1,639
Maryland.....	50	13	76	19	32	22	33	10	48	518
Massachusetts.....	581	473	602	606	431	361	175	167	75	2,933
Michigan.....	319	246	392	264	289	246	168	120	110	2,000
Minnesota.....	301	168	350	212	277	179	158	137	117	1,546
Mississippi.....	167	62	188	106	182	118	111	57	53	1,569
Montana.....	1,066	970	792	800	665	574	519	343	377	1,743
Nevada.....	60	32	76	45	71	63	40	37	22	6,124
New Jersey.....	25	14	33	12	24	17	11	12	8	435
New York.....	274	201	303	259	230	164	126	88	87	1,538
North Dakota.....	781	558	994	807	830	641	457	307	379	212
Ohio.....	616	517	858	684	663	413	386	23	23	14
Oklahoma.....	430	176	337	264	296	166	187	114	103	4,523
Oregon.....	36	24	30	53	42	87	26	64	22	3,127
Pennsylvania.....	950	601	1,381	1,025	1,430	673	507	273	373	1,038
Porto Rico.....	34	18	47	25	31	17	18	16	20	7,520
Rhode Island.....	35	44	44	24	54	24	29	8	22	415
South Carolina.....	176	40	167	165	80	46	43	40	33	1,073
South Dakota.....	16	9	31	8	28	31	20	12	13	1,142
Texas.....	129	149	113	133	121	104	147	223	138	120
Utah.....	92	63	122	45	47	87	71	55	27	1,038
Vermont.....	34	15	47	31	21	17	14	23	13	1,406
Virginia.....	997	657	724	644	545	307	342	227	185	4,572
Washington.....	119	126	137	139	104	171	61	135	44	62
West Virginia.....	329	329	329	329	329	329	329	329	329	329
Wisconsin.....	51	36	37	43	43	80	47	54	51	657
Wyoming.....	8	9	9	10	18	7	18	7	7	103

## TYPHUS FEVER.

State.	Estimated population July 1, 1917.	Number of cases reported.											
		January.		February.		March.		April.		May.		June.	
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917
California.....	3,029,632	0	1	0	0	0	0	0	0	0	0	1	3
Colorado.....	988,320	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi.....	1,976,570	0	0	0	0	0	0	0	0	0	0	0	0
New York.....	10,463,182	2	1	6	0	1	3	1	0	0	0	0	2
Texas.....	4,515,423	.....	17	.....	3	.....	10	.....	0	1	2	1	0

  

State.	Number of cases reported.											
	August.		September.		October.		November.		December.			
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	Total cases, 1916.	Total cases, 1917.
California.....	2	0	16	1	4	0	2	0	0	0	28	3
Colorado.....	1	0	1	0	1	0	3	0	10	1	0	0
Mississippi.....	1	1	2	0	8	1	3	0	1	3	3	0
New York.....	1	0	0	0	0	1	1	3	1	21	13	3
Texas.....	.....	.....	.....	.....	.....	0	6	.....	0	38	17	17

  

State.	Number of cases reported.													
	January.		February.		March.		April.		May.		June.		July.	
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917
California.....	2	0	16	1	4	0	2	0	0	0	28	3	0	0
Colorado.....	1	0	1	0	1	0	3	0	10	1	0	0	.0010	.....
Mississippi.....	1	1	2	0	8	1	3	0	1	3	3	0	.0015	.....
New York.....	1	0	0	0	0	1	1	3	1	21	13	3	.0012	.23.08
Texas.....	.....	.....	.....	.....	0	6	.....	0	38	17	17	.0084	44.74	

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED FEB. 15.

CAMP BOWIE ZONE, TEX.		CAMP EBERTS ZONE, ARK.—continued.	
	Cases.		Cases.
Fort Worth:		Pneumonia:	
Gonorrhea.....	15	Cabot.....	1
Influenza.....	1	England.....	1
Measles.....	2	Lonoke, R. F. D.....	1
Pellagra.....	1		
Pneumonia.....	4	FAYETTEVILLE SANITARY DISTRICT, N. C.	
Seabies.....	1	Cerebrospinal meningitis.....	1
Scarlet fever.....	1	Gonorrhea.....	4
Smallpox.....	3	Influenza.....	20
Syphilis.....	7	Measles.....	8
Trachoma.....	4	Mumps.....	1
Typhoid fever.....	1	Pneumonia.....	5
		Syphilis.....	1
CHARLESTON SANITARY DISTRICT, S. C.		Tuberculosis.....	1
Influenza:			
Charleston.....	20	CAMP FUNSTON ZONE, KAN.	
		Junction City:	
CAMP DEVENS ZONE, MASS.		Mumps.....	1
Ayer:		Scarlet fever.....	2
Influenza.....	1		
Lancaster:		Manhattan:	
Measles.....	4	Diphtheria.....	1
Whooping cough.....	1	Diphtheria carriers.....	2
Lunenburg:		Influenza.....	12
Mumps.....	1	Mumps.....	6
Pneumonia.....	1	Scarlet fever.....	2
CAMP DIX ZONE, N. J.		GAS AND FLAME SCHOOL ZONE, GA. AND ALA.	
Diphtheria:		Diphtheria:	
Pemberton Boro.....	1	Columbus.....	1
		Influenza:	
CAMP DODGE ZONE, IOWA.		Columbus.....	15
Des Moines:		Girard.....	1
Diphtheria.....	4	Muscogee County.....	9
Diphtheria carriers.....	5	Phenix City.....	6
Gonorrhea.....	6	Measles:	
Scarlet fever.....	7	Columbus.....	2
Smallpox.....	4	Fellagra:	
Syphilis.....	2	Muscogee County.....	2
Tuberculosis, pulmonary.....	1	Pneumonia:	
		Columbus.....	1
		Muscogee County.....	2
CAMP EBERTS ZONE, ARK.		Scarlet fever:	
Influenza:		Columbus.....	1
Austin.....	5	Muscogee County.....	2
Cabot, R. F. D.....	1	Smallpox:	
Carlisle.....	2	Columbus.....	4
Carlisle, R. F. D.....	3	Muscogee County.....	2
Lonoke.....	4		

GAS AND FLAME SCHOOL ZONE, GA. AND ALA.—  
continued.

	Cases.
Tuberculosis:	
Columbus.....	2
Whooping cough:	
Columbus.....	7
GERSTNER FIELD ZONE, LA.	
Influenza.....	12
Pneumonia.....	2
Smallpox.....	10
CAMP GORDON ZONE, GA.	
Atlanta:	
Cerebrospinal meningitis.....	1
Chancroid.....	1
Chicken pox.....	9
Diphtheria.....	3
Gonorrhea.....	23
Influenza.....	66
Measles.....	3
Mumps.....	1
Pneumonia.....	2
Scarlet fever.....	4
Smallpox.....	35
Syphilis.....	39
Tuberculosis.....	10
Whooping cough.....	3
GULFPORT HEALTH DISTRICT, MISS.	
Cerebrospinal meningitis:	
Bay St. Louis.....	1
Chicken pox:	
De Lisle.....	4
Dysentery:	
Gulfport.....	1
Gonorrhea:	
Biloxi.....	1
Gulfport.....	1
Lyman.....	1
Moss Point.....	3
Influenza:	
Bay St. Louis.....	4
Biloxi.....	20
Escatawpa.....	1
Gautier.....	1
Gulfport.....	16
Handsboro.....	3
Kreole.....	1
Latimer.....	3
Lizana.....	1
Long Beach.....	5
Lyman.....	1
Mississippi City.....	2
Moss Point.....	18
Pascagoula.....	8
Pass Christian.....	1
Sellers.....	3
Wade.....	1
Malaria:	
Bay St. Louis.....	2
Gulfport.....	1
Moss Point.....	1
Pascagoula.....	1
Measles:	
Lyman.....	4

## GULFPORT HEALTH DISTRICT, MISS.—continued.

	Cases.
Mumps:	
Biloxi.....	2
Gulfport.....	6
Mississippi City.....	2
Moss Point.....	8
Pneumonia:	
Biloxi.....	3
Gulfport.....	1
Mississippi City.....	1
Moss Point.....	2
Pneumonia, broncho:	
De Lisle.....	1
Scarlet fever:	
Pascagoula.....	2
Syphilis:	
Pascagoula.....	1
Whooping cough:	
Gulfport.....	7
Moss Point.....	1
Pascagoula.....	2
CAMP HANCOCK ZONE, GA.	
Augusta:	
Influenza.....	3
Typhoid fever.....	1
CAMP HUMPHREYS ZONE, VA.	
Chicken pox:	
Alexandria.....	6
Fredericksburg.....	1
Gonorrhea:	
Alexandria.....	1
Influenza:	
Alexandria.....	43
Alexandria County.....	7
Fairfax County.....	16
Fredericksburg.....	31
Measles:	
Alexandria.....	1
Fredericksburg.....	1
Mumps:	
Fredericksburg.....	4
Pneumonia:	
Alexandria.....	7
Tonsillitis:	
Alexandria.....	4
Tuberculosis, pulmonary:	
Alexandria.....	1
Whooping cough:	
Fredericksburg.....	4
CAMP JACKSON ZONE, S. C.	
Columbia:	
Chicken pox.....	1
Influenza.....	27
Measles.....	2
Meningitis.....	1
Mumps.....	2
Pneumonia.....	2
Tuberculosis.....	1
Typhoid fever.....	1
Whooping cough.....	2
Government clinic:	
Gonorrhea.....	1
Syphilis.....	12

February 21, 1919.

FORT LEAVENWORTH ZONE, KANS.		CAMP MERRITT ZONE, N. J.—continued.	
	Cases.		Cases.
Leavenworth:		Pneumonia:	
Diphtheria.....	6	Englewood.....	9
Gonorrhea.....	9	Rabies:	
Influenza.....	3	Tenafly.....	1
Scarlet fever.....	3	Typhoid fever:	
Smallpox.....	1	Englewood.....	1
Leavenworth County:		MUSCLE SHOALS SANITARY DISTRICT, ALA.	
Diphtheria.....	1	Florence:	
Influenza.....	3	Gonorrhea.....	1
Smallpox.....	1	Measles.....	5
Typhoid fever.....	2	Rabies.....	1
		Smallpox.....	1
CAMP LEE ZONE, VA.		Muscle Shoals:	
Petersburg:		Chancroid.....	17
Chicken pox.....	1	Gonorrhea.....	23
Diphtheria.....	1	Influenza.....	31
Gonorrhea.....	8	Measles.....	2
Influenza.....	88	Meningitis.....	1
Mumps.....	1	Mumps.....	12
Septic sore throat.....	1	Syphilis.....	6
Syphilis.....	9		
Tuberculosis.....	4	Sheffield and Tuscaloosa:	
Prince George County:		Diphtheria.....	5
Influenza.....	1	Influenza.....	1
		Measles.....	5
CAMP LEWIS ZONE, WASH.		Mumps.....	3
Influenza:		Pneumonia.....	1
American Lake.....	1	Smallpox.....	4
Parkland.....	7		
Measles:		FORT OGLETHORPE ZONE, GA. AND TENN.	
Murray.....	1	Chattanooga:	
Steilacoom.....	1	Chicken pox.....	1
Steilacoom Lake.....	1	Gonorrhea.....	11
Mumps:		Influenza.....	10
American Lake.....	5	North Chattanooga:	
Scarlet fever:		Influenza.....	7
Nisqually.....	1		
CAMP LOGAN ZONE, TEX.		PICRIC ACID PLANT ZONE, GA.	
Houston:		Brunswick:	
Chancroid.....	1	Gonorrhea.....	3
Diphtheria.....	1	Influenza.....	8
Gonorrhea.....	11	Measles.....	4
Influenza.....	2	Mumps.....	4
Measles.....	13	Pneumonia.....	2
Pneumonia.....	2	Smallpox.....	1
Syphilis.....	3	Syphilis.....	2
Tuberculosis.....	2	Tuberculosis.....	1
Typhoid fever.....	1		
CAMP MCLELLAN ZONE, ALA.		CAMP PIKE ZONE, ARK.	
Anniston:		Little Rock:	
Chicken pox.....	1	Chancroid.....	1
Gonorrhea.....	5	Chicken pox.....	1
Pneumonia.....	1	Gonorrhea.....	19
		Influenza.....	36
CAMP MERRITT ZONE, N. J.		Malaria.....	2
Chicken pox:		Measles.....	2
Englewood.....	5	Mumps.....	10
Diphtheria:		Pneumonia.....	3
Englewood.....	1	Scarlet fever.....	4
Influenza:		Syphilis.....	4
Dumont.....	1	Tonsillitis.....	2
Englewood.....	37	Trachoma.....	1
Haworth.....	1	Tuberculosis.....	3
Mumps:		North Little Rock:	
Englewood.....	1	Gonorrhea.....	3
		Influenza.....	13

## CAMP PIKE ZONE, ARK.—continued.

	Cases.
North Little Rock—Continued.	
Pneumonia.....	1
Syphilis.....	1
Trachoma.....	1
Tuberculosis.....	1
Scott:	
Influenza.....	4
Pneumonia.....	1

## CAMP POLK ZONE, N. C.

Chancroid:	
Durham.....	1
Chicken pox:	
Durham.....	4
Diphtheria:	
Raleigh.....	1
Gonorrhea:	
Durham.....	2
Influenza:	
Durham County.....	1
Raleigh.....	128
Wake County.....	15
Measles:	
Purham.....	1
Raleigh.....	3
Wake County.....	4
Mumps:	
Durham.....	9
Pneumonia:	
Raleigh.....	1
Septic sore throat:	
Raleigh.....	1
Wake County.....	1
Tuberculosis:	
Durham.....	1

## PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.

Influenza:	
Norfolk.....	28
Pneumonia:	
Norfolk.....	2
Smallpox:	
Norfolk.....	1
Portsmouth.....	1
Syphilis:	
Portsmouth.....	1
Typhoid fever:	
Norfolk.....	1

## PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.

Gonorrhea:	
Portsmouth.....	1

## CAMP SEVIER ZONE, S. C.

Influenza:	
Greenville and vicinity.....	226

## CAMP SHERIDAN ZONE, ALA.

Government Clinic:	
Chancroid.....	3
Gonorrhea.....	8
Syphilis.....	15
Montgomery:	
Chancroid.....	1
Scarlet fever.....	2
Syphilis.....	1

## CAMP SHERMAN ZONE, OHIO.

	Cases.
Diphtheria:	
Chillicothe.....	2
Gonorrhea:	
Government Clinic.....	4
Influenza:	
Chillicothe.....	13
Liberty Township.....	10
Mumps:	
Chillicothe.....	2
Scarlet fever:	
Chillicothe.....	2
Union Township.....	2

## SOUTHER FIELD ZONE, GA.

Influenza:	
Amerieus.....	11
Sumter County.....	89
Pneumonia:	
Americus.....	1
Sumter County.....	6
Whooping cough:	
Sumter County.....	3

## CAMP ZACHARY TAYLOR ZONE, KY. AND IND.

Diphtheria:	
Louisville.....	2
New Albany.....	1
Gonorrhea:	
Government clinic.....	24
County jail clinic.....	6

Influenza:	
Jefferson County.....	13
Louisville.....	73
New Albany.....	4
Measles:	
Jefferson County.....	12
Louisville.....	4
Mumps:	
Jeffersonville.....	2
Louisville.....	1
Scarlet fever:	
Jefferson County.....	1
Louisville.....	7
New Albany.....	1
Syphilis:	
County jail clinic.....	9
Government clinic.....	34

Tuberculosis, pulmonary:	
Jefferson County.....	1
Louisville.....	9
TIDEWATER HEALTH DISTRICT, VA.	
Newport News:	
Chancroid.....	1
Diphtheria.....	2
Gonorrhea.....	6
Influenza.....	10
Measles.....	1
Meningitis.....	1
Mumps.....	10
Pneumonia.....	1
Scarlet fever.....	2
Syphilis.....	3
Phoebus:	
Whooping cough.....	1
Riverview:	
Tuberculosis.....	1

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## CAMP TRAVIS ZONE, TEX.

	Cases.
San Antonio:	
Chancroid.....	1
Chicken pox.....	1
Gonorrhea.....	17
Influenza.....	9
Measles.....	1
Meningitis.....	2
Mumps.....	3
Pneumonia.....	3
Syphilis.....	8
Tuberculosis.....	3

## CAMP UPTON ZONE, N. Y.

Cerebrospinal meningitis:	
Riverhead.....	1

## CAMP WADSWORTH ZONE, S. C.

Spartanburg:	
Cancer.....	1
Chicken pox.....	2
Gonorrhea.....	1

## CAMP WADSWORTH ZONE, S. C.—continued.

	Cases.
Spartanburg—Continued.	
Influenza.....	19
Measles.....	7
Smallpox.....	3

## CAMP WHEELER ZONE, GA.

Macon:	
Chicken pox.....	2
Influenza.....	1
Measles.....	6

## WILMINGTON SANITARY DISTRICT, N. C.

Wilmington:	
Diphtheria.....	1
Influenza.....	21
Pneumonia.....	4
Scarlet fever.....	1
Tuberculosis.....	2
Typhoid fever.....	2
Winster Park:	
Influenza.....	7

## DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended February 7, 1919. Reports from the American Expeditionary Forces are delayed in transmission, and the "current week" for troops in the American Expeditionary Forces is not the same period as "current week" for troops in the United States.

	Current week.	Last week.
Annual admission rate per 1,000 (all causes).....	1,616.87	1,633.33
All troops in United States.....	1,210.09	1,154.34
American Expeditionary Forces.....	939.31	982.84
Annual admission rate per 1,000 (disease only).....	814.58	831.44
All troops in United States.....	994.13	184.45
American Expeditionary Forces.....	743.09	767.59
Noneffective rate per 1,000 on day of report.....	50.92	50.77
All troops in United States <sup>1</sup> .....	54.96	49.97
American Expeditionary Forces.....	49.17	51.10
Annual death rate per 1,000 (all causes).....	15.50	13.47
All troops in United States <sup>1</sup> .....	12.74	12.61
American Expeditionary Forces.....	16.48	14.67
Annual death rate per 1,000 (disease only).....	9.26	7.95
All troops in United States <sup>1</sup> .....	11.89	10.89
American Expeditionary Forces.....	8.22	6.72

<sup>1</sup> Sick and death rates among troops in the United States will continue to be relatively high, as the numerical strength of troops in the United States continues to decline from week to week as a result of demobilization. Well men only are eligible for discharge, while the sick and otherwise disabled are retained in service for further treatment. The continued influx of sick and wounded (properly chargeable to commands overseas) is another factor tending to increase rates in the United States and to diminish correspondingly similar rates overseas.

## Cases of special diseases reported during week ended Feb. 7, 1919.

Camp.	Pneu- mo- nia.	Dy- sen- tary.	Ma- laria.	Venereal diseases.		In- fluenza.	Mea- sles.	Men- ingitis.	Scar- let fever.	Annual admission rate per 1,000 (disease only).	Nonef- fective rate per 1,000 on day of report.
				Total	New infection.						
Beauregard.....	1	1	3	18		2				1,985.47	64.20
Bowie.....	17		22	15	10	15				1,534.81	77.24
Cody.....	2		1							3,228.38	314.85
Fremont.....			1	0	3					1,337.62	205.23
Greene.....	1		35	1	2					1,327.17	62.29
Hancock.....	6		14	2	18				2	802.69	83.26
Kearny.....	1		26	4	7					519.57	23.91
Logan.....	2		2	1	4		3		1	586.20	48.92
MacArthur.....			8		2				2	1,068.84	68.06
McClellan.....	8		9	3						983.07	80.77
Sevier.....	2		13	2	6					784.69	42.29
Sheridan.....	4		31							767.75	40.45
Shelby.....	2		23	7	4		1			1,394.18	67.12
Wadsworth.....	1		7				1			423.99	30.09
Wheeler.....	3		1	3		2	1			923.34	106.53
Custer.....	6		5	4					1	587.09	36.76
Devenz.....	1		18	1	5	2				1,182.22	91.05
Dix.....	6	1	22	19	5	2	1			806.62	77.91
Dodge.....	4		6	2	9	1			18	1,298.27	89.17
Eustis.....	2		4		7			1		2,169.74	79.65
Funston.....			7	1	8	2			11	753.89	43.80
Gordon.....	1		18		5	4				1,430.28	67.85
Grant.....	10		9		7	16				555.24	56.85
Humphreys.....	8		7	1	20	2				672.52	28.69
Jackson.....	6		10		68	2	1			1,240.54	67.91
J. E. Johnston.....	2		1							412.69	37.87
Henry Knox.....	2		4					1	3	1,796.74	50.25
Las Casas.....			4	2						1,850.36	71.16
Lee.....	2		14	8	22	4			5	1,179.60	74.45
Lewis.....	15		17	4	2	2				922.16	58.22
Mende.....	4		5		1	2			1	618.29	36.28
Pike.....	4		9		30					1,555.62	79.06
Sherman.....	1		14		15				1	966.33	112.03
Taylor.....	11		24	9	13			1	7	792.28	82.40
Travis.....	7		13	2	17	18				2,348.74	77.88
Upton.....	2		13	3	9					2,055.29	78.76
Northeastern Department.....			4	3	2				1	584.04	30.07
Eastern Department.....	8	5	1	17	1	24			1	818.54	24.68
Southeastern Department.....	2			3		28				1,206.78	35.67
Central Department.....					11	1			1	1,112.05	30.01
Southern Department.....	8		36	11	86				5	912.70	54.29
Western Department.....			7	1	9					722.45	16.88
Aviation camps.....	10	1	39		25	1	1			761.70	37.77
Ports of embarkation:											
Hoboken.....	22			17	6	156	1		5	1,403.45	110.27
Newport News.....	9		145	3	45	12	1	18		2,590.68	83.63
Alcatraz Disciplinary Barracks.....										1,148.26	18.92
Leavenworth Disciplinary Barracks.....	2								1	1,941.59	43.32
Columbus Barracks.....	1								1	1,117.47	39.15
Jefferson Barracks.....			2	1	1					795.33	46.61
Fort Logan.....			1	1						643.19	49.47
Fort McDowell.....			6							964.33	31.38
Fort Sill.....			17	17	23			2		752.22	31.26
Fort Slocum.....			2							779.54	44.97
Fort Thomas.....										478.31	38.10
West Point.....	3			1			1			782.01	16.41
Arsenals.....	3		11		9	5		4		828.43	38.97
Miscellaneous small stations.....	8		8		8	11	1			781.46	36.10
Total.....	220	8	9	771	133	728	114	8	94	994.13	54.96

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*Number of deaths and annual rates per 1,000 at large camps in the United States, week ended Feb. 7, 1919.*

Camp.	Strength.	Deaths.		Deaths—Annual death rate per 1,000.	
		All causes.	Disease only.	All causes.	Disease only.
Beauregard.....	5,919	0			
Bowie.....	7,081	1	1	7.34	7.34
Cody.....	451	0			
Fremont.....	1,866	0			
Greene.....	4,976	1	1	10.45	10.45
Hancock.....	9,199	2	2	11.30	11.30
Kearny.....	12,213	2	1	8.51	4.26
Logan.....	6,032	2	2	17.21	17.24
MacArthur.....	5,011	0			
McClellan.....	7,564	11	10	75.62	68.75
Sevier.....	4,705	0			
Shelby.....	6,773	0			
Sheridan.....	5,259	0			
Wadsworth.....	5,151	0			
Wheeler.....	2,309	0			
Custer.....	17,977	3	3	8.67	8.67
Devens.....	8,709	1	1	5.97	5.97
Dix.....	19,927	2	2	5.22	5.22
Dodge.....	15,664	5	5	17.25	17.26
Eustis.....	2,109	2	1	49.31	24.65
Funston.....	19,516	3	3	7.90	7.90
Gordon.....	11,197	4	3	18.57	13.93
Grant.....	20,508	4	4	10.14	10.14
Humphreys.....	11,835	4	3	17.58	17.58
Jackson.....	13,119	5	5	19.81	19.81
J. E. Johnston.....	2,772	1	1	18.75	18.75
Henry Knox.....	5,412	3	3	28.92	28.92
Las Casas.....	1,096	1	1	41.44	41.44
Lee.....	19,221	1	1	2.71	2.71
Lewis.....	20,299	1	1	2.56	2.56
Meade.....	13,125	2	2	7.92	7.92
Pike.....	13,069	2	1	7.95	3.97
Sherman.....	13,135	2	3	11.88	11.88
Taylor.....	20,740	4	4	10.02	10.02
Travis.....	13,973	2	2	7.41	7.44
Upton.....	13,891	2	2	7.38	7.48
Northeastern Department.....	5,253	0			
Eastern Department.....	30,123	8	7	13.53	11.80
Southeastern Department.....	5,774	0			
Central Department.....	7,995	0			
Southern Department.....	42,731	10	8	12.16	10.95
Western Department.....	12,376	0			
Aviation camps.....	41,142	10	7	12.63	11.37
Ports of embarkation:					
Hoboken.....	30,454	16	16	27.32	27.32
Newport News.....	24,871	7	7	14.13	14.63
All others.....	107,558	39	39	18.84	18.84
Total.....	668,981	164	153	12.74	11.89

*Annual admission rate per 1,000 for certain diseases.*

Disease.	Troops in United States.		American Expeditionary Forces.	
	Current week.	Last week.	Current week.	Last week.
Pneumonia.....	17.10	27.35	25.64	21.22
Dysentery.....	0.62	0.0	1.11	0.37
Malaria.....	0.69	0.83	0.11	0.40
Venereal.....	59.93	60.19	36.34	32.18
Paratyphoid.....	0.0	0.0	0.35	0.31
Typhoid.....	0.07	0.20	2.62	2.46
Measles.....	8.86	8.26	1.46	1.27
Meningitis.....	0.62	0.97	1.79	1.91
Scarlet fever.....	7.30	4.85	1.08	1.10
Influenza.....	56.59	65.19		

## CURRENT STATE SUMMARIES.

## Telegraphic Reports for Week Ended February 15, 1919.

*Alabama*.—State totals: Typhoid fever 3, smallpox 12, scarlet fever 7, diphtheria 6, influenza 270.

*Arkansas*.—State totals: Influenza 303, scarlet fever 3, malaria 18, diphtheria 1, smallpox 21, measles 28, typhoid fever 2, pellagra 2.

*California*.—Influenza cases 640. Smallpox 27; Los Angeles County 1, Tulare County 14, Santa Cruz County 1, San Bernardino County 1, Orange County 3, Kern County 1, Los Angeles City 2, San Francisco 4. One case poliomyelitis reported from San Mateo City. Typhoid fever 5; Lompoc 1, Riverside City 2, Riverside County 2. One case cerebrospinal meningitis reported from San Francisco.

*Connecticut*.—No outbreak or unusual prevalence. Total cases of influenza 161.

*Florida*.—State totals: Scarlet fever 5, diphtheria 10, meningitis 1. Only 55 cases of influenza reported.

*Illinois*.—Diphtheria 198; of which in Chicago 156. Scarlet fever 152; of which in Chicago 67, Mount Sterling 28. Smallpox 63, of which in Arlington Heights 11, Pekin, 10, Rockford 8, Peoria 5, Schram City 5. Meningitis in Chicago 1. Poliomyelitis in Chicago 1. Gonorrhea 107, syphilis 47, influenza 1,160 of which in Chicago 554. Influenza recrudescence noted in following Illinois communities: Payson 24, Robinson Township (Crawford County) 16, Albion precinct (Edwards County) 48, Salem precinct (Edwards County) 23, Bowling Green Township (Fayette County) 31, Galesburg 27, Macomb 24, Rock Creek precinct (Menard County) 15, Jonesboro 17, Albany 12.

*Indiana*.—Scarlet fever: Epidemic at Greenfield, Columbia City, South Whitley, Corunna, Logansport, Tipton. Smallpox: Present at Goshen, Laporte, Elkhart, Huntington, Clinton, Anderson, St. Paul, Glenwood, Silverlake. Diphtheria: Present at Goshen, Columbia City, Edinburg, Fortville, Marion, Farmland, Fort Branch, Plainfield, Etna Green, and in Marion County. Syphilis reported 17 cases, gonorrhea 26 cases. Rabies present in Knox and Hendricks Counties.

*Iowa*.—Chancroid: Council Bluffs 2, Dubuque 1, Sioux City 1. Diphtheria: Cedar Rapids 1, Clarinda 1, Council Bluffs 1, Des Moines 7, Dubuque 5, Gladbrook 1, Mason City 1, Radcliffe 1. Gonorrhea: Ainsworth 1, Baxter 1, Boone 1, Castania 1, Council Bluffs 14, Davenport 15, Des Moines 3, Dubuque 1, Greene 1, Low Moor 1, Marshalltown 3, Oskaloosa 1, Sioux City 10. Measles: Clarinda 1, Council Bluffs 1. Scarlet fever: Beaman 1, Boone 1, Burlington 2, Cedar Rapids 1, Council Bluffs 1, Davenport 1, Des Moines 9, Dubuque 1, Goodell 2, Iowa City 3, Knoxville 1, Mason City 1, Ottumwa 1,

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Pella 1. Smallpox: Bonaparte 1, Burlington 1, Cedar Rapids 5, Council Bluffs 6, Davenport 2, Des Moines 4, Farley 1, Mason City 2. Syphilis: Boone 1, Davenport 15, Dubuque 5, Marshalltown 1, Sioux City 3. In rural districts of following counties. Diphtheria: Linn 1, Union 1. Scarlet fever: Allamakee 1, Boone 1, Crawford 1, Grundy 1, Hancock 1, Jasper 2, Marshall 1, Shelby 2. Smallpox: Grundy 1. Influenza cases reported in State 258.

*Kansas*.—One case meningitis at Wayside. State totals: Smallpox 29, diphtheria 22, scarlet fever 49, influenza 2,153.

*Louisiana*.—State totals: Influenza 1,033, poliomyelitis 1, cerebrospinal meningitis 2, smallpox 39, diphtheria 14, typhoid fever 3.

*Maine*.—Diphtheria: Portland 1. Gonorrhea: Augusta 2, Portland 4, Limestone 1, Skowhegan 2, Fairfield 1, Millbridge 1. Measles: Bath 1, Unity 1, Knox 1. Scarlet fever: Portland 4, Bangor 4, Rockland 2, Bath 2. Smallpox: Fort Kent 2. Syphilis: Bangor 5, Portland 3, Auburn 2, Waterville 1, Machias 2, Calais 1, Baileyville 2, Tuberculosis: Five cases reported. Typhoid fever: Portland 1. Bath 1, Dover 1. Whooping cough: Sanford 4. Influenza: Ninety-one scattered cases.

*Massachusetts*.—Unusual prevalence. Scarlet fever: Cambridge 7, Lowell 7, Somerville 7. Diphtheria: Danvers 5, Haverhill 5, Somerville 7. Whooping cough: Belmont 10. Typhoid fever: Lawrence 5.

*Minnesota*.—Smallpox (new foci): Beltrami County, Bemidji City, 1; Pennington County, Roxbury Township, 1; Rock County, Springwater Township, 1; Waseca County, Kanesville Township, 1. State totals: Syphilis 45, gonorrhea 75, chancroid 2.

*New Jersey*.—State totals: Influenza 1,476 cases, pneumonia 355 cases. No unusual prevalence of other diseases.

*New York*.—Outside of New York City. Typhoid fever 19, measles 148, whooping cough 82, diphtheria 192 (decrease of 75 from preceding week), scarlet fever 213. Smallpox: Binghamton 1, Rochester 1, Niagara Falls 1, Mechanicville 1. Cerebrospinal meningitis 6, pneumonia 206. Voluntary reports: Syphilis 84, gonorrhea 9.

*North Carolina*.—State totals: Whooping cough 58, measles 118, diphtheria 17, scarlet fever 9, septic sore throat 4, smallpox 41, chicken pox 19, typhoid fever 5, epidemic meningitis 2, ophthalmia neonatorum 3, broncho-pneumonia 59, lobar pneumonia 41, gonorrhea 52, syphilis 14, chancroid 5. Influenza by counties: Alamance 38, Cleveland 225, Cumberland 26, Davidson 25, Durham 1, Gaston 14, Montgomery 42, Pitt 24, Transylvania 9, Tyrrell 12, city of Charlotte 32.

*Ohio*.—No undue prevalence. Influenza negligible.

*Oklahoma*.—By counties. Pittsburgh: Influenza 20, pneumonia 7, smallpox 1. Delaware: Influenza 67, pneumonia 20 (7 deaths). McClain: Influenza 97, pneumonia 13 (3 deaths). Pushmataha: Influenza 9, pneumonia 3 (2 deaths). Cleveland: Influenza 44, pneu-

monia 2. Haskell: Influenza 7, pneumonia 2. Washington: Influenza 34, pneumonia 6. Curtain: Smallpox 13. Latimer: Influenza 27. Blaine: Influenza 20, diphtheria 1. Noble: Smallpox 3.

*Vermont.*—Thirty-two towns report 458 cases of influenza. No other outbreak or unusual prevalence.

*Virginia.*—Smallpox: By counties; Loudoun 3, Tazewell 2, Norfolk 1, Portsmouth 1. Influenza: Cases reported 231.

*Washington.*—No unusual outbreaks. Smallpox: Yakima 17, Seattle 9, Tacoma 11. Diphtheria: Kitsap County 9 cases.

#### CEREBROSPINAL MENINGITIS.

##### Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

	Cases.		Cases.
Fayetteville sanitary district, N. C.....	1	Gulfport health district, Miss.....	1
Camp Gordon zone, Ga.....	1	Camp Upton zone, N. Y.....	1

##### State Reports for December, 1918, and January, 1919.

Place.	New cases reported	Place.	New cases reported
Maryland (January): Anne Arundel County.....	7	Wisconsin (January): Brown County.....	2
Baltimore.....	14	Green Lake County.....	1
Total.....	21	Milwaukee County.....	10
		Waupaca County.....	1
South Dakota (December): Bon Homme County.....	1	Total.....	14
Charles Mix County.....	1		
Hutchinson County.....	1		
Stanley County.....	1		
Total.....	4		

##### City Reports for Week Ended Feb. 1, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Los Angeles, Cal.....	2	.....
Alton, Ill.....	2	.....	Milwaukee, Wis.....	3	.....
Baltimore, Md.....	5	3	Nashville, Tenn.....	1	.....
Birmingham, Ala.....	3	.....	Newark, N. J.....	1	.....
Boston, Mass.....	1	.....	New York, N. Y.....	5	2
Bridgeport, Conn.....	1	2	Passaic, N. J.....	1	.....
Buffalo, N. Y.....	1	1	Philadelphia, Pa.....	1	.....
Charlotte, N. C.....	1	1	Pittsfield, Mass.....	1	.....
Chicago, Ill.....	2	.....	St. Louis, Mo.....	1	.....
Cincinnati, Ohio.....	1	.....	Springfield, Mo.....	1	2
Fort Scott, Kans.....	1	1	Trenton, N. J.....	1	1
Little Rock, Ark.....	1	.....	Wheeling, W. Va.....	1	.....
Long Beach, Cal.....	1	.....			

#### CHANCRID.

##### Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

	Cases.		Cases.
Camp Gordon zone, Ga.....	1	Camp Polk zone, N. C.....	1
Camp Logan zone, Tex.....	1	Camp Sheridan zone, Ala.....	4
Muscle Shoals sanitary district, Ala.....	17	Tidewater health district, Va.....	1
Camp Pike zone, Ark.....	1	Camp Travis zone, Tex.....	1

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**DIPHTHERIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.	Cases.
Camp Dix zone, N. J.....	1
Camp Dodge zone, Iowa.....	4
Camp Funston zone, Kans.....	1
Gas and Flame School zone, Ga. and Ala.....	1
Camp Gordon zone, Ga.....	3
Fort Leavenworth zone, Kans.....	7
Camp Lee zone, Va.....	1
Camp Logan zone, Tex.....	1
Camp Merritt zone, N. J.....	1
Muscle Shoals sanitary district, Ala.....	5
Camp Polk zone, N. C.....	1
Camp Sherman zone, Ohio.....	2
Camp Zachary Taylor zone, Ky. and Ind.....	3
Tidewater health district, Va.....	2
Wilmington sanitary district, N. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**GONORRHEA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.	Cases.
Camp Bowie zone, Tex.....	15
Camp Dodge zone, Iowa.....	6
Fayetteville sanitary district, N. C.....	4
Camp Gordon zone, Ga.....	23
Gulfport health district, Miss.....	6
Camp Humphreys zone, Va.....	1
Camp Jackson zone, S. C.....	1
Fort Leavenworth zone, Kans.....	9
Camp Lee zone, Va.....	8
Camp Logan zone, Tex.....	11
Camp McClellan zone, Ala.....	5
Muscle Shoals sanitary district, Ala.....	24
Fort Oglethorpe zone, Ga. and Tenn.....	11
Pierie Acid Plant zone, Ga.....	3
Camp Pike zone, Ark.....	22
Camp Polk zone, N. C.....	2
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Sheridan zone, Ala.....	8
Camp Sherman zone, Ohio.....	4
Camp Zachary Taylor zone, Ky. and Ind.....	30
Tidewater health district, Va.....	6
Camp Travis zone, Tex.....	17
Camp Wadsworth zone, S. C.....	1

**INFLUENZA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.	Cases.
Camp Bowie zone, Tex.....	1
Charleston sanitary district, N. C.....	20
Camp Devens zone, Mass.....	1
Camp Eberts zone, Ark.....	15
Fayetteville sanitary district, N. C.....	20
Camp Funston zone, Kans.....	12
Gas and Flame School zone, Ga. and Ala.....	31
Gerstner Field zone, La.....	12
Camp Gordon zone, Ga.....	66
Gulfport health district, Miss.....	91
Camp Hancock zone, Ga.....	3
Camp Humphreys zone, Va.....	97
Camp Jackson zone, S. C.....	27
Fort Leavenworth zone, Kans.....	6
Camp Lee zone, Va.....	89
Camp Lewis zone, Wash.....	8
Camp Logan zone, Tex.....	2
Camp Merritt zone, N. J.....	39
Muscle Shoals sanitary district, Ala.....	32
Fort Oglethorpe zone, Ga. and Tenn.....	17
Pierie Acid Plant zone, Ga.....	8
Camp Pike zone, Ark.....	53
Camp Polk zone, N. C.....	144
Portsmouth and Norfolk County health district, Va.....	28
Camp Sevier zone, S. C.....	226
Camp Sherman zone, Ohio.....	23
Souther Field zone, Ga.....	100
Camp Zachary Taylor zone, Ky. and Ind.....	90
Tidewater health district, Va.....	10
Camp Travis zone, Tex.....	9
Camp Wadsworth zone, S. C.....	19
Camp Wheeler zone, Ga.....	1
Wilmington sanitary district, N. C.....	28

**MALARIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.	Cases.
Gulfport health district, Miss.....	5	Camp Pike zone, Ark..... 3

**Maryland Report for January, 1919.**

Place.	New cases reported.	Place.	New cases reported.
Maryland:		Maryland—Continued.	
Kent County— Chestertown.....	1	Somerset County— Fairmount.....	8
		Rumbley.....	
		Total.....	10

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charleston, S. C.....	1	1	Pine Bluff, Ark.....	15	.....
Charlotte, N. C.....			Tuscaloosa, Ala.....	1	.....

**MEASLES.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.	Cases.
Camp Bowie zone, Tex.....	2	Muscle Shoals sanitary district, Ala..... 12
Camp Devens zone, Mass.....	4	Pierce Acid Plant zone, Ga..... 4
Fayetteville sanitary district, N. C.....	8	Camp Pike zone, Ark..... 2
Gas and Flame School zone, Ga. and Ala.....	2	Camp Polk zone, N. C..... 8
Camp Gordon zone, Ga.....	3	Camp Zachary Taylor zone, Ky. and Ind..... 16
Gulfport health district, Miss.....	4	Tidewater health district, Va..... 1
Camp Humphreys zone, Va.....	2	Camp Travis zone, Tex..... 1
Camp Jackson zone, S. C.....	2	Camp Wadsworth zone, S. C..... 7
Camp Lewis zone, Wash.....	3	Camp Wheeler zone, Ga..... 6
Camp Logan zone, Tex.....	13	

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**PELLAGRA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.	Cases.
Camp Bowie zone, Tex.....	1	Gas and Flame School zone, Ga. and Ala..... 2

**Maryland Report for January, 1919.**

During the month of January, 1919, one case of pellagra was reported at Pinto, Allegany County, Md.

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	1	3	Roanoke, Va.....	1	.....
New Orleans, La.....	1	.....	Tuscaloosa, Ala.....	1	.....
Oklahoma City, Okla.....		1			

February 21, 1919.

**PNEUMONIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.	Cases.
Camp Bowie zone, Tex.....	4
Camp Devens zone, Mass.....	1
Camp Eberts zone, Ark.....	3
Fayetteville sanitary district, N. C.....	5
Gas and Flame School zone, Ga. and Ala.....	3
Gerstner Field zone, La.....	2
Camp Gordon zone, Ga.....	2
Gulfport health district, Miss.....	7
Camp Humphreys zone, Va.....	7
Camp Jackson zone, S. C.....	2
Camp Logan zone, Tex.....	2
Camp McClellan zone, Ala.....	1
	1
Camp Merritt zone, N. J.....	9
Muscle Shoals sanitary district, Ala.....	1
Picnic Acid Plant zone, Ga.....	2
Camp Pike zone, Ark.....	5
Camp Polk zone, N. C.....	1
Portsmouth and Norfolk County health district, Va.....	2
Souther Field zone, Ga.....	7
Tidewater health district, Va.....	1
Camp Travis zone, Tex.....	3
Wilmington sanitary district, N. C.....	4

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Akron, Ohio.....	1			
Albany, N. Y.....	15			
Alexandria, La.....	2			
Ann Arbor, Mich.....	1	1		
Atlanta, Ga.....			3	34
Austin, Tex.....			1	1
Baltimore, Md.....	37	49		
Barre, Vt.....	1			
Baton Rouge, La.....	2	4	4	5
Berkeley, Cal.....	1			
Bloomfield, N. J.....			2	2
Bloomington, Ind.....	1	1		
Bluffield, W. Va.....	1			
Boston, Mass.....	67	29		
Bridgeport, Conn.....	1			
Bristol, Conn.....	1			
Buffalo, N. Y.....	25	16		
Butte, Mont.....	4			
Cambridge, Mass.....	6	7		
Camden, N. J.....	8			
Charleston, W. Va.....	6	8		
Chelsea, Mass.....	2	3		
Chicago, Ill.....			461	125
Cleveland, Ohio.....	48	63		
Colorado Springs, Colo.....			4	2
Columbia, S. C.....	9			
Council Bluffs, Iowa.....	6		6	
Cranston, R. I.....	2		2	
Danville, Ill.....	1		1	
Dayton, Ohio.....	4		3	
Detroit, Mich.....	10	45	30	75
Duluth, Minn.....	2	3		
East Orange, N. J.....			6	6
Elizabeth, N. J.....	2			
Englewood, N. J.....	2	1		
Everett, Mass.....			30	4
Fall River, Mass.....	4	2		
Forth Worth, Tex.....	14	16		
Framingham, Mass.....	1			
Fremont, Ohio.....	1			
Fresno, Cal.....			42	2
Grand Rapids, Mich.....	4			
Greenwich, Conn.....	7	2		
Hackensack, N. J.....	8	5		
Harrison, N. J.....	1			
Haverhill, Mass.....	3	3		
Highland Park, Mich.....	11	5		
Hoquiam, Wash.....	5			
Independence, Mo.....	3	3		
Jamestown, N. Y.....			6	2
Jersey City, N. J.....			7	
Kalamazoo, Mich.....			7	4
Kansas City, Kans.....			9	
Kansas City, Mo.....	28	20		
Kearny, N. J.....	5	6		

**PNEUMONIA—Continued.****City Reports for Week Ended Feb. 1, 1919—Continued.**

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Lackawanna, N. Y.	4	3		
Little Rock, Ark.	16	10		
Long Branch, N. J.			1	1
Lorain, Ohio	1	1		
Los Angeles, Cal.	11	7		
Louisville, Ky.	3	7		
Lynn, Mass.	1	2		
Methuen, Mass.	3			
Montclair, N. J.	7	2		
Morgantown, W. Va.	1			
Morristown, N. J.			6	4
Mount Vernon, N. Y.	4	7		
Nashville, Tenn.	1	3		
Newark, N. J.	58	14		
New Bedford, Mass.	1	3		
New Orleans, La.			5	41
Newton, Mass.	2			
New York, N. Y.		366	981	623
Norfolk, Va.	1	1		
North Tonawanda, N. Y.	2	2		
Norwich, Conn.	2	1		
Oak Park, Ill.	2	6		
Oklahoma City, Okla.			4	9
Oswego, N. Y.	1			
Parkersburg, W. Va.	2	2		
Passaic, N. J.	6	3		
Pearl City, Ill.			50	5
Philadelphia, Pa.	247	110		
Piqua, Ohio	1	1		
Port Chester, N. Y.	7	3		
Portsmouth, Va.	4	5		
Richmond, Va.	2	6		
Rochester, N. Y.	12	3		
Rome, N. Y.	2			
Salem, Mass.	4	1		
Sandusky, Ohio			2	2
Santa Barbara, Cal.			1	3
Saratoga Springs, N. Y.	1	2		
Sault Ste. Marie, Mich.	1	1		
Schenectady, N. Y.	2			
Somerville, Mass.	3	3		
Springfield, Mass.	14	4		
Stockton, Cal.	1	5	8	9
Topeka, Kans.	1	1		
Trenton, N. J.	2	8		
Troy, N. Y.	2	2		
Tyler, Tex.				
Wakefield, Mass.	38	3		
Watertown, Mass.	3	1		
West New York, N. J.	2	1		
Wichita, Kans.	4			
Winston-Salem, N. C.	5	2		
Worcester, Mass.	10			23
Yonkers, N. Y.	8	12		

**POLIOMYELITIS (INFANTILE PARALYSIS).****Wisconsin Report for January, 1919.**

During the month of January, 1919, three cases of poliomyelitis were reported in Wisconsin—one each in Milwaukee, Racine, and Shawano Counties.

**City Reports for Week Ended Feb. 1, 1919.**

During the week ended February 1, 1919, one case of poliomyelitis was reported at Boston, Mass., and four cases were reported at Chicago, Ill. One death was reported at El Paso, Tex.

February 21, 1919.

**RABIES IN ANIMALS.****City Reports for Week Ended Feb. 1, 1919.**

Rabies in animals was reported, during the week ended February 1, 1919, at Houston, Tex., two cases, and at Kansas City, Mo., one case.

**SCARLET FEVER.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Camp Lewis zone, Wash.....	1
Camp Dodge zone, Iowa.....	7	Camp Pike zone, Ark.....	4
Camp Funston zone, Kans.....	4	Camp Sheridan zone, Ala.....	2
Gas and Flame School zone, Ga. and Ala.....	1	Camp Sherman zone, Ohio.....	4
Camp Gordon zone, Ga.....	4	Camp Zachary Taylor zone, Ky. and Ind.....	9
Gulfport health district, Miss.....	2	Tidewater health district, Va.....	2
Fort Leavenworth zone, Kans.....	3	Wilmington sanitary district, N. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**SMALLPOX.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	3	Muscle Shoals sanitary district, Ala.....	5
Camp Dodge zone, Iowa.....	4	Picnic Acid Plant zone, Ga.....	1
Gas and Flame School zone, Ga. and Ala.....	6	Portsmouth and Norfolk County health dis- trict, Va.....	2
Gerstner Field zone, La.....	10	Camp Wadsworth zone, S. C.....	3
Camp Gordon zone, Ga.....	35		
Fort Leavenworth zone, Kans.....	2		

**State Reports for January, 1919—Vaccination Histories.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years pre- ceding attack.	Number last vacci- nated more than 7 years preceding attack.	Number never suc- cessfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Maryland:</b>						
Allegany County— Cumberland.....	1				1	
Dorchester County— Cambridge.....	5				5	
Airey, R. D.....	2				2	
Reids Grove.....	3				3	
Cornishtown, R. D.....	1				1	
Jones Thicket.....	7				7	
Frederick County— Brunswick.....	4				4	
Point of Rocks.....	3				3	
Prince Georges County— Seat Pleasant.....	1				1	
Somerset County— Princess Anne, R. D.....	1				1	
Washington County— Hagerstown.....	7				7	
Total.....	35				35	

**SMALLPOX—Continued.****State Reports for January, 1919—Vaccination Histories—Continued.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Wisconsin:</b>						
Ashland County	4				1	3
Brown County	5				1	4
Chippewa County	2				2	
Clark County	10				10	
Columbia County	2				2	
Crawford County	7					7
Dane County	13		9		4	
Douglas County	15		1		14	
Eau Claire County	2				1	1
Florence County	10					10
Forest County	3				3	
Kewaunee County	3				3	
Manitowoc County	1		1			
Marathon County	1				1	
Marinette County	11				8	3
Milwaukee County	6				1	5
Oconto County	2					2
Outagamie County	5		4		2	1
Price County	2				2	
Rock County	2		2			
Rusk County	2		1			1
Sauk County	1					
Sawyer County	1					1
Vilas County	10		1		9	
Washburn County	1					1
Washington County	1					1
Winnebago County	15				14	1
Total.....	137		19		76	42

**State Reports for December, 1918, and January, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.	
<b>South Dakota (December):</b>						
Codington County	3		Perkins County	9		
Custer County	3		Yankton County	1		
Davison County	1		Total.....	53		
Fall River County	26					
Grant County	2		<b>South Dakota—Continued.</b>			
Gregory County	1					
Jerauld County	5					
Minnehaha County	2					
<b>Vermont (January):</b>						
Orleans County.....						

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atchinson, Kans.	5		Duluth, Minn.	2	
Atlanta, Ga.	23		East Cleveland, Ohio.	1	
Beloit, Wis.	2		Elgin, Ill.	6	
Canton, Ill.	1		El Paso, Tex.	1	
Chanute, Kans.	1		Greeley, Colo.	1	
Cheyenne, Wyo.	3		Green Bay, Wis.	3	
Chicago, Ill.	1		Honolulu, Wash.	1	
Cleveland, Ohio.	1		Houston, Tex.	1	1
Council Bluffs, Iowa	17		Indianapolis, Ind.	1	
Covington, Ky.	2		Ironwood, Mich.	1	
Davenport, Iowa	4		Kalamazoo, Mich.	5	
Denver, Colo.	10		Kansas City, Mo.	6	
Des Moines, Iowa	1		Lincoln, Nebr.	10	

February 21, 1919.

**SMALLPOX—Continued.****City Reports for Week Ended Feb. 1, 1919—Continued.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Los Angeles, Cal.	1		St. Joseph, Mo.	3	
Madison, Wis.	2		St. Paul, Minn.	8	
Middletown, Ohio	2		Salt Lake City, Utah	1	
Milwaukee, Wis.	1		San Bernardino, Cal.	1	
Minneapolis, Minn.	5		San Jose, Cal.	1	
Mobile, Ala.	2		Seattle, Wash.	6	
Muskogee, Okla.	4		Sioux City, Iowa	3	
New Orleans, La.	3		Sioux Falls, S. Dak.	1	
Norfolk, Va.	2		South Bend, Ind.	1	
Ogden, Utah	5		Spartanburg, S. C.	1	
Oklahoma City, Okla.	20		Springfield, Ill.	5	
Omaha, Nebr.	21		Superior, Wis.	4	
Oswego, N. Y.	2		Tacoma, Wash.	3	
Pekin, Ill.	5		Toledo, Ohio	1	
Peoria, Ill.	6		Wilkinsburg, Pa.	1	
Portland, Oreg.	2		Winston-Salem, N. C.	12	
Portsmouth, Va.	2		Zanesville, Ohio	4	
Rock Island, Ill.	1				

**SYPHILIS.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.	7	Pierie Acid Plant zone, Ga.	2
Camp Dodge zone, Iowa	2	Camp Pike zone, Ark.	5
Fayetteville sanitary district, N. C.	1	Portsmouth and Norfolk County health dis-trict, Va.	1
Camp Gorden zone, Ga.	39	Camp Sheridan zone, Ala.	16
Gulfport health district, Miss.	1	Camp Zachary Taylor zone, Ky. and Ind.	43
Camp Jackson zone, S. C.	12	Tidewater health district, Va.	3
Camp Lee zone, Va.	9	Camp Travis zone, Tex.	8
Camp Logan zone, Tex.	3		
Muscle Shoals sanitary district, Ala.	6		

**TETANUS.****City Reports for Week Ended Feb. 1, 1919.**

During the week ended February 1, 1919, one case of tetanus was reported at Cleveland, Ohio. One death from this disease was reported at Oklahoma City, Okla., one at St. Joseph, Mo., and one at Springfield, Mo.

**TUBERCULOSIS.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Dodge zone, Iowa	1	Pierie Acid Plant zone, Ga.	1
Fayetteville sanitary district, N. C.	1	Camp Pike zone, Ark.	4
Gas and Flame School zone, Ga. and Ala	2	Camp Polk zone, N. C.	1
Camp Gordon zone, Ga.	10	Camp Zachary Taylor zone, Ky. and Ind.	10
Camp Humphreys zone, Va.	1	Tidewater health district, Va.	1
Camp Jackson zone, S. C.	1	Camp Travis zone, Tex.	3
Camp Lee zone, Va.	4	Wilmington sanitary district, N. C.	2
Camp Logan zone, Tex.	2		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

	Cases.		Cases.
Camp Bowie zone, Tex.	1	Camp Merritt zone, N. J.	1
Camp Hancock zone, Ga.	1	Portsmouth and Norfolk County health district, Va.	1
Camp Jackson zone, S. C.	1	Wilmington sanitary district, N. C.	2
Fort Leavenworth zone, Kans.	2		
Camp Logan zone, Tex.	1		

## State Reports for December, 1918, and January, 1919.

Place.	New cases reported.	Place.	New cases reported.
Maryland (January): Baltimore.....	18	Maryland (January)—Continued. Montgomery County— New Cut Road.....	1
Allegany County— Cumberland.....	1	Washington County— Boonsboro, R. D.....	2
Allegany hospital .....	2	Total.....	51
Anne Arundel County— Brooklyn.....	2		
Gambrells.....	1	South Dakota (December): Clark County.....	10
Baltimore County— Rossville.....	4	Fall River County.....	3
Stevenson.....	1	Total.....	13
Catoonsville.....	1		
Essex.....	1	Vermont (January): Caledonia County.....	1
Caroline County— Denton, R. D.....	2	Chittenden County.....	2
Federalsburg.....	3	Total.....	3
Ridgely, R. D.....	1		
Carroll County— Taneytown, R. D.....	2	Wisconsin (January): Burnett County.....	1
Charles County— Pomfret.....	1	Dodge County.....	1
Indian Head.....	1	La Crosse County.....	1
Dorchester County— Hurlock.....	1	Milwaukee County.....	4
Frederick County— Frederick, R. D.....	2	Total.....	7
Walkersville, R. D.....	2		
Loy's.....	1		
Harford County— Havre de Grace.....	1		

## City Reports for Week Ended Feb. 1, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.....	1		Long Beach, Cal.....	1	1
Allentown, Pa.....	3		Los Angeles, Cal.....	4	1
Baltimore, Md.....	9	1	Lynn, Mass.....	1	
Berkeley, Cal.....	1		Memphis, Tenn.....	1	
Birmingham, Ala.....			Milwaukee, Wis.....	1	
Boston, Mass.....	3		Minneapolis, Minn.....	2	1
Buffalo, N. Y.....	1		Mobile, Ala.....		1
Butler, Pa.....	17		Moline, Ill.....		1
Cambridge, Mass.....			Nashville, Tenn.....	1	
Chicago, Ill.....	1	1	New Haven, Conn.....	1	1
Columbus, Ohio.....	1		New Orleans, La.....	3	
Covington, Ky.....	1		Newton, Mass.....	2	
Detroit, Mich.....	1		New York, N. Y.....	9	2
Duluth, Minn.....	1		Oswego, N. Y.....	2	
East Orange, N. J.....	1		Philadelphia, Pa.....	3	2
Elizabeth, N. J.....	1		Pine Bluff, Ark.....	2	
Everett, Mass.....	1		Providence, R. I.....	1	
Fairmont, W. Va.....	4		Quincy, Mass.....	1	
Fall River, Mass.....	1		Rahway, N. J.....	1	
Greensboro, N. C.....			Reading, Pa.....	1	
Houston, Tex.....	1	2	Saginaw, Mich.....	2	
Independence, Mo.....	10		St. Louis, Mo.....	1	1
Ironton, Ohio.....	2	1	San Bernardino, Cal.....	1	
La Crosse, Wis.....	1		Waltham, Mass.....	1	
Lawrence, Mass.....	3	1	Zanesville, Ohio.....	3	

February 21, 1919.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for December, 1918, and January, 1919.

State.	Cases reported.		
	Diphtheria.	Measles	Scarlet fever.
Maryland (January).....	200	247	265
South Dakota (December).....	22	20	34
Vermont (January).....	24	92	34
Wisconsin (January).....	139	168	243

## City Reports for Week Ended Feb. 1, 1919.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Adams, Mass.....	14,406	2								1
Akron, Ohio.....	93,604	56	3		4		7		1	
Alameda, Cal.....	28,433	8	2						1	
Albany, N. Y.....	106,632	4			3		3		3	
Alexandria, La.....	16,232	13							1	
Allentown, Pa.....	65,109	5			3		1		2	
Alliance, Ohio.....	19,581	13								
Alton, Ill.....	23,783	15								
Altoona, Pa.....	59,712	15					5			
Ann Arbor, Mich.....	15,041	10			1		3		1	
Ansonia, Conn.....	16,954	5								
Appleton, Wis.....	18,005	5								
Arlington, Mass.....	13,073	7	2		1					
Asbury Park, N. J.....	14,629	3			1					
Ashtabula, Ohio.....	22,008	5								
Atchison, Kans.....	16,785						2			
Atlanta, Ga.....	196,144	106	4	1	2		4		3	3
Atlantic City, N. J.....	59,515	7					1		3	
Attleboro, Mass.....	19,776	4	1		2					
Austin, Tex.....	35,612	10	3				1		4	4
Baltimore, Md.....	594,637	362	38		17		60		20	30
Baton Rouge, La.....	17,544	12							1	
Battle Creek, Mich.....	30,159		3		2		2			
Bayonne, N. J.....	72,204		10				1		6	
Beatrice, Nebr.....	10,437	5								2
Bedford, Ind.....	10,613	12					1			1
Bellaire, Ohio.....	14,575	8					1			
Beloit, Wis.....	18,547	5	1		1					
Benton Harbor, Mich.....	11,099	3								
Berkeley, Cal.....	60,427	14								
Berlin, N. H.....	13,892	3								1
Beverly, Mass.....	22,128	12								1
Billings, Mont.....	15,123						2			
Birmingham, Ala.....	189,716	71	3		11		5		16	6
Bloomfield, N. J.....	19,013	3	1				1	1		
Bloomington, Ind.....	11,661	4								
Bluefield, W. Va.....	16,123						1			
Boise, Idaho.....	35,951	9								
Boston, Mass.....	767,813	291	53		8		44		54	18
Boulder, Colo.....	12,012			1				2		
Braddock, Pa.....	22,060								2	
Bradford, Pa.....	14,544				1					
Brazil, Ind.....	10,472	6								
Bridgeport, Conn.....	124,724	48	19				2		3	4
Bristol, Conn.....	16,318	7	1				3			1
Brockton, Mass.....	69,152	16					3		2	1
Brookline, Mass.....	33,526	10	2						1	
Buffalo, N. Y.....	475,781	200	81	5	12	3	28	1	38	12
Burlington, Iowa.....	25,144	3					2			
Burlington, Vt.....	21,802	3			4					1
Butte, Mont.....	44,057		1				1			
Cadillac, Mich.....	10,158	4	1	1			2			
Cairo, Ill.....	15,995	5								
Cambridge, Mass.....	114,233	49	8				2		3	7
Camden, N. J.....	108,117		3				7		4	
Carlisle, Pa.....	10,795		1							

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

## City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Chambersburg, Pa.	12,475	—	—	—	—	—	1	—	—	—
Champaign, Ill.	15,052	5	—	—	—	—	—	—	—	—
Chanute, Kans.	12,968	5	—	—	—	—	—	—	—	—
Charleston, S. C.	61,041	29	—	—	—	—	—	—	—	—
Charleston, W. Va.	31,060	20	4	—	—	—	—	—	—	—
Charlotte, N. C.	40,759	29	—	—	5	—	1	—	—	—
Chelsea, Mass.	48,405	23	—	—	2	—	1	—	—	2
Cheyenne, Wyo.	11,320	—	—	—	—	—	—	—	—	—
Chicago, Ill.	2,547,201	823	127	12	89	—	59	2	332	62
Chicopee, Mass.	29,930	6	2	—	—	—	—	—	—	—
Chillicothe, Ohio.	15,625	2	—	—	—	—	3	—	—	—
Cincinnati, Ohio.	414,248	138	11	—	1	—	11	—	28	17
Cleveland, Ohio.	692,250	268	29	3	8	—	11	—	30	19
Clinton, Mass.	13,075	2	—	—	—	—	1	—	—	—
Coatesville, Pa.	14,998	—	1	—	—	—	—	—	—	—
Cohoes, N. Y.	25,292	8	—	—	—	—	2	—	1	—
Colorado Springs, Colo.	38,965	13	—	—	—	—	—	—	22	4
Columbia, S. C.	35,165	—	—	—	1	—	—	—	1	6
Columbus, Ohio.	220,135	65	1	—	—	—	3	—	4	—
Concord, N. H.	22,858	9	—	—	—	—	1	—	—	—
Council Bluffs, Iowa.	31,838	14	—	—	4	—	2	—	—	2
Covington, Ky.	59,623	23	5	—	—	—	1	—	1	1
Cranston, R. I.	26,773	6	—	—	—	—	—	—	—	—
Cumberland, Md.	26,186	9	—	—	8	—	—	—	—	—
Danbury, Conn.	22,931	11	—	—	—	—	—	—	1	—
Danvers, Mass.	10,037	—	—	—	—	—	—	—	1	—
Danville, Ill.	32,969	7	1	—	—	—	—	—	—	—
Danville, Va.	20,183	10	—	—	—	—	—	—	—	—
Davenport, Iowa.	49,618	—	1	—	—	—	—	—	—	—
Dayton, Ohio.	128,939	48	2	1	1	—	4	—	3	—
Denver, Colo.	268,439	83	7	—	—	—	6	—	—	12
Des Moines, Iowa.	104,052	—	5	—	—	—	4	—	32	22
Detroit, Mich.	619,648	335	90	11	8	2	62	—	1	—
Dover, N. H.	13,276	7	—	—	—	—	—	—	—	—
Dubuque, Iowa.	40,096	—	3	—	1	—	1	—	5	1
Duluth, Minn.	97,077	22	6	—	1	—	—	—	—	—
Dunmore, Pa.	21,283	—	3	—	—	—	1	—	—	1
Durham, N. C.	26,100	13	—	—	—	—	1	—	—	—
East Chicago, Ind.	30,286	3	—	—	—	—	—	—	—	—
East Cleveland, Ohio.	13,804	—	—	—	—	—	1	—	—	—
Easthampton, Mass.	10,566	—	—	—	—	—	1	—	—	—
East Liverpool, Ohio.	22,941	12	—	—	—	—	—	—	—	1
Easton, Pa.	30,854	—	4	—	6	—	—	—	—	—
East Orange, N. J.	43,761	19	1	—	1	—	—	—	1	1
East Providence, R. I.	18,485	—	—	—	—	—	2	—	—	—
Eau Claire, Wis.	18,887	—	1	—	12	—	—	—	—	—
Elgin, Ill.	28,532	4	—	—	—	—	—	—	—	—
Elizabeth, N. J.	88,830	—	7	2	—	—	—	—	9	5
Elmira, N. Y.	38,272	16	—	2	—	—	6	—	1	—
El Paso, Tex.	69,149	54	5	—	—	—	3	—	—	11
Englewood, N. J.	12,033	1	—	—	—	—	—	—	—	—
Erie, Pa.	76,592	—	6	—	—	—	1	—	5	—
Eureka, Cal.	15,142	3	—	—	—	—	—	—	—	—
Evanson, Ill.	29,304	12	1	—	1	—	—	—	—	—
Everett, Mass.	40,160	14	5	—	—	—	9	—	2	—
Everett, Wash.	37,205	—	—	—	—	—	2	—	—	—
Fairmont, W. Va.	16,111	—	—	—	—	—	2	—	—	—
Fall River, Mass.	129,828	54	6	—	25	1	4	—	6	6
Fargo, N. Dak.	17,872	6	—	—	—	—	—	—	—	—
Findlay, Ohio.	114,858	4	1	—	—	—	—	—	—	—
Flint, Mich.	51,386	13	7	1	—	—	1	—	—	—
Fond du Lac, Wis.	21,486	9	—	—	—	—	—	—	—	1
Fort Scott, Kans.	10,564	1	—	—	—	—	—	—	2	—
Fort Wayne, Ind.	78,014	30	1	—	—	—	—	—	—	5
Fort Worth, Tex.	109,597	47	—	—	—	—	—	—	3	3
Framingham, Mass.	14,149	3	—	—	—	—	—	—	1	1
Frederick, Md.	11,225	5	—	—	—	—	—	—	—	—
Freeport, Ill.	19,844	5	1	—	—	—	—	—	—	1
Fremont, Ohio.	11,634	4	—	—	—	—	—	—	—	—
Fresno, Cal.	36,314	10	—	—	—	—	—	—	—	1
Galesburg, Ill.	21,291	12	—	—	6	—	—	—	—	—
Galveston, Tex.	42,650	16	—	—	—	—	—	—	—	2

1 Population Apr. 15, 1910.

February 21, 1919.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

## City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Geneva, N. Y.	13,915	2					1			
Grand Forks, N. Dak.	16,342	11					2			
Grand Rapids, Mich.	132,861	43	3		1		9	1	8	1
Great Falls, Mont.	113,948	9	1		2		2			
Greeley, Colo.	11,942						2			
Green Bay, Wis.	30,017	15	1							
Greensburg, Pa.	15,881									
Greenwich, Conn.	19,594						2			
Hackensack, N. J.	17,412	12	1				2			1
Harrisburg, Pa.	73,276		2				2			
Hartford, Conn.	112,831		7	2	32	1				
Hazelton, Pa.	28,981						1			
Highland Park, Mich.	33,859	15	3						5	
Hoboken, N. J.	78,324	16	9						4	1
Holland, Mich.	12,459	2								
Holyoke, Mass.	66,503	15	7	3			3		1	2
Houston, Tex.	116,878	57			7					4
Hudson, N. Y.	12,898	4								4
Hutchinson, Kans.	21,451		1		1		1			
Independence, Mo.	11,964	13					1			
Indianapolis, Ind.	283,622	87	9	2	2		4		9	7
Ironton, Ohio.	14,079	4					2		1	
Ironwood, Mich.	15,095	9					1			
Ithaca, N. Y.	16,017						13			
Jamestown, N. Y.	37,431		3						1	
Janesville, Wis.	14,411	2							1	
Jersey City, N. J.	312,557		32				7		18	
Johnstown, N. Y.	10,678	2								
Johnstown, Pa.	70,473		11							
Kalamazoo, Mich.	50,408	29	2				1		2	3
Kansas City, Kans.	102,096		2						5	
Kansas City, Mo.	305,816	140	6	2	5		3	1	1	10
Kearny, N. J.	24,325	9					1		2	
Keene, N. H.	10,725	3								
Kenosha, Wis.	32,833	5	1		3		1			
Knoxville, Tenn.	59,112		2		15		2		6	6
Kokomo, Ind.	21,929	8								
Lackawanna, N. Y.	16,219	15					1			
La Crosse, Wis.	31,835	9	1				1			
La Fayette, Ind.	21,481	13								
Lancaster, Ohio.	16,086	14					8			2
Lancaster, Pa.	51,437		6		87					
Lawrence, Kans.	13,477	5	1		2				1	
Lawrence, Mass.	102,923	30	4	1			2		9	3
Leavenworth, Kans.	19,363	7	3				1			1
Lebanon, Pa.	20,947									
Lima, Ohio.	37,145	13	4				2			
Lincoln, Nebr.	46,957	11	4		1		8			1
Little Rock, Ark.	58,716	27	1		5		3			2
Lockport, N. Y.	20,028	1			3		7		9	3
Logansport, Ind.	21,338	5					1			1
Long Beach, Cal.	29,163	21	1							
Long Branch, N. J.	15,733	4								
Lorain, Ohio.	38,266	10			2		3			1
Los Angeles, Cal.	535,485	241	22	1	14		3			
Louisville, Ky.	249,808	82	3		8		5		13	11
Lowell, Mass.	114,366	46	3	1	7		6		5	2
Lynchburg, Va.	33,497	25								
Lynn, Mass.	104,534	23	4		1		8		4	3
Madison, Wis.	31,315	12					1			3
Manchester, Conn.	15,859	2			1		1			
Manchester, N. H.	79,607	39	1				3			
Manitowoc, Wis.	13,931	1	2		3					1
Marinette, Wis.	14,610	8	1		2					
Marion, Ind.	19,923	4	1		1		5			
Martins Ferry, Ohio.	10,135	1	2				2		1	
Mason City, Iowa	14,933	5								
Medford, Mass.	26,681	9	1		1		1		1	2
Melrose, Mass.	17,724	7								
Memphis, Tenn.	151,877	77	3		9		1		15	10
Meriden, Conn.	29,431						4			2
Methuen, Mass.	14,320	7					1		1	

1 Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Middletown, N. Y.	15,890	7	1	4			1			
Middletown, Ohio	16,334	84	7	1	1	1	19			3
Milwaukee, Wis.	445,008	18	1	1			14	1	20	5
Minneapolis, Minn.	373,448									
Mishawaka, Ind.	17,083	8								
Missoula, Mont.	19,075	3					2			
Mobile, Ala.	59,201	44			11					2
Moline, Ill.	27,976	3								1
Monessen, Pa.	23,070		1							
Montclair, N. J.	27,087	3					1			1
Montgomery, Ala.	44,630	11			1					
Morgantown, W. Va.	14,444	3					1			
Morriston, N. J.	13,410	7	1							1
Moundsville, W. Va.	11,513	7								1
Mount Carmel, Pa.	20,709								3	
Mount Vernon, N. Y.	37,991	18					1			
Muskegee, Okla.	47,173	2								
Nanticoke, Pa.	23,811				8					
Nashua, N. H.	27,541	7					4			
Nashville, Tenn.	118,136	62					7		1	4
Newark, N. J.	418,789	151	55	3	2		15		45	20
New Bedford, Mass.	121,622	35	3	1					14	5
New Britain, Conn.	55,385		2		6		8		4	
Newburyport, Mass.	15,291	2								
New Haven, Conn.	152,275	50	16		10		5		17	5
New London, Conn.	21,199	15								
New Orleans, La.	377,010	243	12				2		27	19
Newport, Ky.	32,133	5	2				2			
Newport, R. I.	30,585	11	4	1						2
Newton, Mass.	44,345	20	1							
New York, N. Y.	5,737,492	2,448	316	33	50	2	128	6	281	184
Niagara Falls, N. Y.	38,166	16	5				1		3	1
Norfolk, Va.	91,148						2			
Norristown, Pa.	31,969				1					
North Adams, Mass.	122,019	7							4	1
Northampton, Mass.	20,006	10					3			
North Attleboro, Mass.	11,218	4	1							
North Braddock, Pa.	15,684		1		1					
North Tonawanda, N. Y.	11,060	7							5	1
North Yakima, Wash.	22,058		2				8			
Norwich, Conn.	21,923	1	2							
Oakland, Cal.	26,405	83	3		1		5		12	6
Oak Park, Ill.	27,816	12			3					
Ogdensburg, N. Y.	16,845	5								
Ogden, Utah.	32,343	11					1			
Oklahoma City, Okla.	97,588	22	2	4			1		1	
Olean, N. Y.	16,927	7		1						
Omaha, Nebr.	177,777	44	5	1	7		3	1		3
Orange, Conn.	14,393	5								2
Orange, N. J.	33,636	18	4						1	
Oswego, N. Y.	24,219				1		2			
Parkersburg, W. Va.	21,059	6								
Passaic, N. J.	74,478	17	2							2
Peekskill, N. Y.	19,034	3								1
Peoria, Ill.	72,184	20					1			2
Perth Amboy, N. J.	42,646	18					1		2	1
Philadelphia, Pa.	1,735,514	784	68	10	14		55	3	113	76
Phoenixville, Pa.	11,871				1					
Pine Bluff, Ark.	17,777		3						6	
Piqua, Ohio.	14,273	6								1
Pittsburgh, Pa.	586,195		10		3		10		14	
Pittsfield, Mass.	39,678	12								
Pittston, Pa.	18,975		1							
Plainfield, N. J.	24,330	11	4							1
Plattsburg, N. Y.	13,111	5	8							
Plymouth, Mass.	14,001	5								1
Plymouth, Pa.	19,439				4				1	
Pontiac, Mich.	18,006	9	5	1			1			
Port Chester, N. Y.	16,727	4								2
Portland, Me.	64,720	27					3			
Portland, Oreg.	308,399	111	11	2	4		2		7	5
Portsmouth, Va.	40,663		1		2				3	

<sup>1</sup> Population Apr. 15, 1910.

February 21, 1919.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

## City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Pottsville, Pa.	22,717	8	21						3	
Poughkeepsie, N. Y.	30,786	12	3						2	1
Providence, R. I.	259,895	105	30	5			6			
Quincy, Mass.	39,022	14	1				2		1	
Rahway, N. J.	10,361	1								
Raleigh, N. C.	20,274	10			2					
Reading, Pa.	111,667	2			86		1			
Redlands, Cal.	14,573	2					3			
Reno, Nev.	15,514	3								
Richmond, Va.	158,702	59	2				3		22	5
Rochester, N. Y.	264,711	80	6	1	5		10		8	6
Rockford, Ill.	56,739	11					3			
Rock Island, Ill.	29,452	12	1							
Rocky Mount, N. C.	12,673	8					1			1
Rome, N. Y.	24,259	3					1		4	
Rutland, Vt.	15,038	8								
Sacramento, Cal.	68,984	26	1				1		4	2
Saginaw, Mich.	56,469	17	3							1
St. Joseph, Mo.	86,493	51	13	3			3		3	2
St. Louis, Mo.	768,630	234	35	2	5		12	1	35	16
St. Paul, Minn.	252,465	65	39	2	9	1	20		10	7
Salem, Mass.	49,346	10	5				2		1	2
Salt Lake City, Utah	121,623	51	2		1		3			1
San Bernardino, Cal.	17,616	12			1					1
San Diego, Cal.	56,412	21	1						4	3
Sandusky, Ohio.	20,226	9	1							
Sanford, Me.	11,217	5								
San Jose, Cal.	39,810						2			
Santa Barbara, Cal.	15,360	3							1	1
Santa Cruz, Cal.	15,150	4								
Saratoga Springs, N. Y.	13,839	9							1	
Saugus, Mass.	10,210	6								
Sault Ste. Marie, Mich.	14,130	4								
Schenectady, N. Y.	103,774	20	5	1	1		1		1	2
Scranton, Pa.	149,541		10				5		8	
Seattle, Wash.	366,445	8			6		19			
Shamokin, Pa.	21,274	5			1					
Sharon, Pa.	19,156				1					
Shenandoah, Pa.	29,753		1		5					
Sioux Falls, S. Dak.	16,887	3								
Somerville, Mass.	88,618	22	10		1		2		5	1
South Bend, Ind.	70,967	23	1	1	22		3			
Southbridge, Mass.	14,465	1					2			
Spartanburg, S. C.	21,985	4	1		9					
Springfield, Ill.	62,623	21	2		1					4
Springfield, Mass.	108,668	49	2				4		6	2
Springfield, Mo.	41,169	13								
Springfield, Ohio.	52,296	19			23				1	1
Steelton, Pa.	15,759		1						3	
Steubenville, Ohio.	28,259	11	1						2	
Stockton, Cal.	36,209	25								1
Superior, Wis.	47,167	17			1		3			1
Syracuse, N. Y.	158,559	59	9	1	2		12		3	5
Tacoma, Wash.	117,446		3		1		9			
Taunton, Mass.	36,610	27					1		6	3
Terre Haute, Ind.	67,361	25			9					2
Toledo, Ohio.	202,010	77	7	1			17		12	9
Topeka, Kans.	49,538	25								
Trenton, N. J.	113,974	65	4						3	4
Troy, N. Y.	78,094	34	5				5	1	3	3
Tuscaloosa, Ala.	10,824	6	2						2	
Vallejo, Cal.	13,803	3	1	1						
Wakefield, Mass.	12,947	2	1							
Walla Walla, Wash.	26,067		3				1			
Waltham, Mass.	31,011	10								
Washington, Pa.	22,976						1		2	
Waterbury, Conn.	89,201	2	2		2				1	2
Watertown, Mass.	15,188	10					1		1	1
Watertown, N. Y.	30,434	5								
Watervliet, N. Y.	15,622	5								
Wausau, Wis.	19,666	14							1	
West Chester, Pa.	13,403				1		5			
Westfield, Mass.	18,769	9	1	1			1			1
West Hoboken, N. J.	44,386	8	1				1		2	

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

## City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
West New York, N. J.	19,613	8	6				1		1	
West Orange, N. J.	13,964	2	1							
Wheeling, W. Va.	43,657	26							1	1
Wichita, Kans.	73,597	23					1		6	1
Wilkes-Barre, Pa.	78,334		4				1		1	
Wilkinsburg, Pa.	23,890						1		1	
Williamsport, Pa.	34,123						2			
Wilmington, Del.	95,369	61	2	1	3		1		3	3
Wilmington, N. C.	30,400	20								
Winchester, Mass.	10,812	2								
Winona, Minn.	<sup>1</sup> 18,583	7								
Winston-Salem, N. C.	33,136	13			1		1			
Winthrop, Mass.	13,105						3			
Woburn, Mass.	16,076	2								
Worcester, Mass.	166,106	55	6		13		1	1	2	4
Yonkers, N. Y.	103,056	37	6		2		1		4	2
York, Pa.	52,770		2		1		5		1	
Zanesville, Ohio.	31,320	9								1

<sup>1</sup> Population Apr. 15, 1910.

# F O R E I G N .

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## C U B A .

### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Jan. 11-20, 1919.		Remaining under treatment Jan 20, 1919.
	New cases.	Deaths.	
Diphtheria.....			1
Leprosy.....			17
Malaria.....	24		144
Paratyphoid fever.....	1		4
Scarlet fever.....			1
Typhoid fever.....	3	4	32

<sup>1</sup> From the interior, 32.

<sup>2</sup> From the interior, 21.

### Influenza—Habana—Regla.

During the period January 11 to 20, 1919, 148 cases of influenza with 15 fatalities were notified at Habana, and 8 cases at Regla.

## N O R W A Y .

### Influenza—Christiania.

During the month of November, 1918, 225 fatal cases of influenza were notified at Christiania, Norway, and during the month of December, 1918, 82 fatal cases.

## C H O L E R A , P L A G U E , S M A L L P O X , T Y P H U S F E V E R , A N D Y E L L O W F E V E R .

### Reports Received During Week Ended Feb. 21, 1919.<sup>1</sup>

#### C H O L E R A .

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Nov. 17-Dec. 7.....	4	2	
Calcutta.....	Nov. 30-Dec. 14.....		85	
Madras.....	Dec. 8-14.....	7	3	
Rangoon.....	Dec. 1-14.....	19	17	
Java:				
East Java—Surabaya district.....	Nov. 5-18.....	544	316	Oct. 18-Nov. 27, 1918: Cases, 1,494; deaths, 840.
Mid-Java.....				Oct. 17-Nov. 27, 1918: Cases, 184; deaths, 104.
West Java.....				
Batavia.....	Oct. 17-Nov. 27....	119	47	
Philippine Islands:				
Manila.....	Dec. 20-Jan. 4.....	4	3	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received During Week Ended Feb. 21, 1919—Continued.**
**PLAGUE.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong.....	Dec. 22-28.....	1	1	
Ecuador:				
Guayaquil.....	Dec. 16-31.....	6		
Taura.....	do.....	1	1	
India.....				Nov. 24-Dec. 7, 1918: Cases, 2,404; deaths, 1,648.
Bombay.....	Nov. 17-Dec. 7.....	2	2	
Madras.....	Dec. 8-14.....	3	1	
Madras Presidency.....	do.....	286	202	
Rangoon.....	do.....	6	6	
Java:				
East Java—				
Surabaya district.....	Nov. 5-18.....	46	46	

**SMALLPOX.**

Canada:				
New Brunswick—				
St. John.....	Jan. 26-Feb. 8.....	5		
Nova Scotia—				
Halifax.....	do.....	27		
Quebec—				
Paspébiac.....	Jan. 26-Feb. 1.....	3		
China:				
Hongkong.....	Dec. 15-21.....	1	1	
Nanking.....	Oct. 5-Dec. 28.....			Present.
Denmark:				
Copenhagen.....	Dec. 22-28.....	1		
Do.....	Dec. 29-Jan. 11.....	8		
India:				
Bombay.....	Nov. 17-Dec. 6.....	7	1	
Calcutta.....	Nov. 30-Dec. 14.....		4	
Madras.....	Dec. 8-14.....	12	2	
Rangoon.....	Dec. 1-14.....	21	2	
Japan:				
Kobe.....	Dec. 15-28.....	68	25	
Do.....	Dec. 29-Jan. 4.....	37	3	
Java:				
East Java—				
Surabaya district.....	Nov. 5-18.....	8		
Mid-Java.....				Oct. 18-Nov. 27, 1918: Cases, 109.
West Java.....				Oct. 17-Nov. 27, 1918: Cases, 307; deaths, 99.
Batavia.....	Oct. 17-Nov. 27.....	83	68	
Mesopotamia:				
Bagdad.....	Oct. 5-11.....	12		
Mexico:				
Mexico City.....	Nov. 3-Dec. 28.....	9		
Do.....	Dec. 29-Jan. 11.....	3		
Newfoundland:				
St. Johns.....	Jan. 26-31.....	1		
Outports—				
Bonavista.....	do.....	1		
Curling.....	do.....	3		
Philippine Islands:				
Manila.....	Dec. 29-Jan. 4.....	1		Varioloid, 1.
Portugal:				
Lisbon.....	Dec. 22-28.....	194		
Union of South Africa:				
Johannesburg.....	Aug. 1-Sept. 30.....	5		Nov. 1-30, 1918: Cases, 4.

February 21, 1919.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received During Week Ended Feb. 21, 1919—Continued.**
**TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	Jan. 6-12.....	1	.....	
Colombia:				
Barranquilla.....	Jan. 19-25.....		1	
Japan:				
Nagasaki.....	Dec. 23-29.....	1	.....	
Do.....	Dec. 30-Jan. 5.....	4	.....	
Mesopotamia:				
Bagdad.....	Oct. 5-11.....	1	.....	
Mexico:				
Mexico City.....	Nov. 3-Dec. 28.....	190	.....	
Do.....	Dec. 29-Jan. 11.....	62	.....	
Siberia:				
Vladivostok.....	Dec. 1-15.....	7	.....	

**YELLOW FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Duran.....	Dec. 16-31.....	1	.....	
Guayaquil.....	do.....	45	21	
On vessel:				
S. S. Jamaica.....	Jan. 30.....	1	.....	At quarantine station, Canal Zone, Panama.

**Reports Received from Dec. 28, 1918, to Feb. 14, 1919.**
**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 17-30.....	4	5	
India:				
Bombay.....	Aug. 18-Nov. 9.....	26	15	
Calcutta.....	Sept. 29-Nov. 30.....	67	.....	
Madras.....	Oct. 5-Nov. 30.....	134	92	
Rangoon.....	do.....	10	10	
Indo-China:				
Annam.....	Aug. 1-31.....	5	5	
Cambodia.....	do.....	98	71	
Cochin-China.....	do.....	110	89	
Saigon.....	Oct. 7-Nov. 10.....	18	12	
Tonkin.....	Aug. 1-31.....	1	.....	
Java:				
East Java.....	Oct. 7-28.....	92	75	Oct. 7-21, 1918: Cases, 100; deaths, 94.
Surabaya (district).....	Oct. 7-28.....	92	75	Sept. 25-Oct. 16, 1918: Cases, 1,389; deaths, 867.
Mid-Java:				
Samarang.....	Sept. 25-Oct. 16.....	120	111	Oct. 2-Nov. 6, 1918: Cases, 212; deaths, 123.
West Java:				
Batavia.....	Oct. 2-Nov. 6.....	161	95	
Mesopotamia:				
Bagdad.....	Oct. 11-18.....	8	.....	
Philippine Islands:				
Manila.....	Sept. 22-Dec. 28.....	181	121	Nov. 2-9, 1918: Cases, 511; deaths, 417. Nov. 17-Dec. 28, 1918: Cases, 1,203; deaths, 858.
Provinces:				
Albay.....	Dec. 15-21.....	1	1	
Bataan.....	Nov. 17-Dec. 28.....	38	32	
Batangas.....	Nov. 2-9.....	156	141	
Do.....	Nov. 17-Dec. 28.....	79	65	
Bohol.....	Nov. 2-9.....	19	17	
Do.....	Nov. 17-Dec. 21.....	12	5	
Bulacan.....	Oct. 27-Nov. 2.....	5	6	
Do.....	Nov. 17-Dec. 28.....	44	30	
Capiz.....	Dec. 22-28.....	7	5	
Cavite.....	Oct. 27-Nov. 2.....	38	28	
Do.....	Nov. 17-Dec. 21.....	163	75	
Cebu.....	Dec. 15-21.....	41	20	
Ilocos Sur.....	Dec. 8-28.....	17	8	
Iloilo.....	Oct. 27-Nov. 2.....	9	6	

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.**
**CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Contd. Provinces—Continued.				
Iloilo.....	Nov. 17-Dec. 21.....	70	51	
Laguna.....	Oct. 27-Dec. 28.....	18	11	
Mindoro.....	Nov. 24-30.....	4	5	
Misamis.....	Oct. 27-Nov. 2.....	6	5	
Do.....	Nov. 17-Dec. 28.....	75	48	
Oriental Negros.....	Nov. 2-9.....	20	8	
Do.....	Nov. 17-Dec. 7.....	6	6	
Pampanga.....	Nov. 24-Dec. 11.....	4	4	
Pangasinan.....	Nov. 2-9.....	236	192	
Do.....	Nov. 17-Dec. 28.....	428	313	
Rizal.....	Oct. 27-Nov. 2.....	3	1	
Do.....	Nov. 24-30.....	16	5	
Samar.....	Dec. 15-21.....	8	1	
Sorsogon.....	Nov. 17-23.....	8	4	
Tayabas.....	Nov. 2-9.....	7	4	
Do.....	Nov. 17-Dec. 28.....	54	25	
Union.....	Nov. 2-Dec. 28.....	18	14	
Zamboanga.....	Dec. 8-28.....	27	19	
Russia:				
Petrograd.....	To July 16.....	3,388	1,054	In civil hospitals. In military
Do.....	July 17-Aug. 21.....	2,943	1,455	hospitals, July 5-Aug. 21, 1918 Cases, 884; deaths, 783.

**PLAGUE.**

				Present. Do.
China:				
Amoy.....	Dec. 1-7.....			
Chungking.....	Oct. 26-Dec. 8.....	1	1	
Hongkong.....	Nov. 9-16.....	1	1	
Do.....	Nov. 2-9.....			Always prevalent.
Nanking.....				
Ceylon:				
Colombo.....	Oct. 27-Nov. 2.....	1	1	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 15.....	9	3	
Egypt.....				
India:				
Bombay.....	Aug. 18-Nov. 16.....	36	25	
Karachi.....	Oct. 19-26.....	16	16	
Madras Presidency.....	Oct. 13-Nov. 30.....	624	422	
Rangoon.....	Oct. 5-Nov. 9.....	70	70	
Indo-China:				
Anam.....	Aug. 1-31.....	15	10	
Cambodia.....	do.....		23	
Cochin-China.....	do.....	14	11	
Saigon.....	Oct. 7-Nov. 3.....	3	1	
Java:				
East Java.....				Oct. 7-21, 1918: Cases, 17; deaths, 17.
Surabaya (district).....	Oct. 7-21.....	15	15	
Mid-Java.....				Sept. 25-Oct. 16, 1918: Cases, 14; deaths, 14.
Samarang.....	Sept. 25-Oct. 16.....	6	6	
Siam:				
Bangkok.....	Sept. 21-28.....	4	3	
Do.....	Oct. 5-12.....	2	2	
Venezuela:				
Caracas.....	Dec. 30.....	1		

**SMALLPOX.**

Algeria:				
Algiers.....	Oct. 1-Dec. 31.....	2	1	
Canada:				
New Brunswick—				
Campbellton.....	Dec. 22-28.....	1		
Do.....	Jan. 5-11.....	1		
St. John.....	Nov. 8-14.....	3		

February 21, 1919.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.**
**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Nova Scotia—				
Bear River.....	Dec. 29-Jan. 4.....	.....	.....	Present.
Bigbee.....	Jan. 10.....	.....	.....	Do.
Digby.....	do.....	.....	.....	Do.
Halifax.....	Dec. 7-28.....	10	.....	
Do.....	Jan. 5-25.....	40	.....	
Middleton.....	Dec. 29-Jan. 4.....	.....	.....	Do.
Sydney.....	Jan. 5-25.....	2	.....	
Ontario—				
North Bay.....	Jan. 19-25.....	1	.....	
Ottawa.....	Jan. 12-25.....	5	.....	
Quebec—				
Montreal.....	Jan. 24-Dec. 21.....	2	.....	
Do.....	Jan. 12-25.....	12	.....	
Paspedia.....	do.....	2	.....	
Quebec.....	Dec. 15-21.....	1	.....	
Do.....	Dec. 29-Jan. 4.....	1	.....	
Canal Zone.....				
Do.....	Jan. 1-25.....	28	.....	
Colon.....	Dec. 15-21.....	1	.....	
Do.....	Dec. 29-Jan. 4.....	1	.....	
China:				
Amoy.....	Oct. 13-Dec. 8.....	.....	.....	Present.
Canton.....	Nov. 17-23.....	.....	.....	Do.
Chungking.....	Nov. 10-30.....	.....	.....	Do.
Foochow.....	Nov. 24-Dec. 21.....	.....	.....	Do.
Nanking.....	Dec. 1-21.....	.....	.....	Do.
Chosen:				
Chemulpo.....	Nov. 30.....	2	.....	
Denmark:				
Copenhagen.....	Nov. 9-Dec. 14.....	11	.....	
Egypt:				
Alexandria.....	Dec. 17-23.....	1	1	
India:				
Bombay.....	Aug. 18-Nov. 16.....	13	3	
Calcutta.....	Sept. 29-Nov. 30.....	.....	7	
Karachi.....	Sept. 29-Oct. 5.....	1	1	
Madras.....	Oct. 5-Nov. 30.....	35	28	
Rangoon.....	Oct. 20-Nov. 23.....	2	2	
Indo-China:				
Anam.....	Aug. 1-31.....	29	8	
Cambodia.....	do.....	78	40	
Cochin-China.....	do.....	97	27	
Saigon.....	Oct. 7-20.....	13	3	
Tonkin.....	Aug. 1-31.....	5	.....	
Japan:				
Kobe.....	Oct. 26-Dec. 14.....	118	21	
Java:				
East Java.....	.....	.....	.....	Oct. 7-21, 1918: Cases, 6.
Surabaya (district).....	Oct. 7-28.....	7	.....	
Mid-Java.....	.....	.....	.....	
West Java.....	Oct. 2-Nov. 6.....	91	76	Sept. 25-Oct. 16, 1918: Cases, 55; Oct. 2-Nov. 6, 1918: Cases, 341 deaths, 122.
Mesopotamia:				
Bagdad.....	Oct. 11-Nov. 15.....	154	33	
Mexico:				
Ciudad Juarez.....	Nov. 24-30.....	1	.....	
Mexico City.....	Sept. 22-Nov. 2.....	14	.....	
Newfoundland:				
St. Johns.....	Dec. 6-20.....	4	.....	
Do.....	Dec. 28-Jan. 24.....	3	.....	
Outports—				
Avondale.....	do.....	4	.....	
Blaine Harbor.....	Dec. 14-20.....	2	.....	
Bay of Islands.....	Jan. 11-17.....	6	.....	
Bay Roberts.....	Dec. 21-27.....	1	.....	
Bryants Cove.....	Dec. 7-13.....	3	.....	
Burin.....	do.....	4	.....	
Coley's Point.....	Dec. 14-20.....	1	.....	
King's Cove.....	Jan. 18-24.....	1	.....	
Musgrave Harbor.....	Dec. 7-13.....	4	.....	
Do.....	Jan. 11-17.....	6	.....	
Paradise.....	Dec. 7-13.....	60	.....	Placentia Bay.
St. Jacques.....	Jan. 18-24.....	2	.....	

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—**  
 Continued.

**Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.**
**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila.....	Nov. 2-9.....	2	2	
Portugal:				
Lisbon.....	Nov. 16-30.....	649	.....	
Portuguese East Africa:				
Lourenco Marques.....				July 1-Oct. 31, 1918: 45 fatal cases.
Siberia:				
Vladivostok.....	Nov. 1-3.....	4	.....	
Spain:				
Cadiz.....	Oct. 1-31.....	3	.....	
Madrid.....	Sept. 1-Oct. 31.....	153	.....	
Seville.....	Nov. 1-30.....	2	.....	
Valencia.....	Nov. 10-Dec. 21.....	40	9	
Straits Settlements:				
Penang.....	Oct. 6-12.....	1	.....	
Union of South Africa:				
Cape Town.....	Aug. 1-30.....	1	.....	
Johannesburg.....	Oct. 1-31.....	7	.....	

**TYPHUS FEVER.**

Algeria:				
Algiers.....	Nov. 1-30.....	.....	1	
Brazil:				
Ceara.....	Sept. 14-21.....	1	.....	
China:				
Antung.....	Dec. 2-15.....	2	.....	
Colombia:				
Barranquilla.....	Nov. 8-Dec. 28.....	.....	3	
Egypt:				
Alexandria.....	Oct. 14-Dec. 31.....	85	36	
Great Britain:				
Glasgow.....	Dec. 22-28.....	5	.....	
Greece:				
Saloniki.....	Sept. 29-Dec. 7.....	.....	28	
Japan:				
Nagasaki.....	Nov. 10-Dec. 22.....	12	4	
Java:				
East Java.....	Oct. 7-21.....	4	.....	Oct. 7-21, 1918: Cases, 5.
Surabaya.....	.....	.....	.....	
Mid-Java.....	.....	.....	.....	Sept. 25-Oct. 16, 1918: Cases, 8.
West Java.....	.....	.....	.....	Oct. 2-23: Cases, 31; deaths, 6.
Batavia.....	Oct. 2-23.....	15	4	
Mexico:				
Guadalajara.....	Nov. 1-30.....	2	.....	
Mexico City.....	Sept. 22-Nov. 2.....	244	.....	
Siberia:				
Vladivostok.....	Sept. 1-Nov. 30.....	16	.....	
Spain:				
Huelva.....	Oct. 1-31.....	.....	2	
Union of South Africa:				
Port Elizabeth.....	Sept. 14-28.....	.....	.....	Present among natives in several interior towns.

**YELLOW FEVER.**

Brazil:				
Pernambuco.....	Oct. 1-Nov. 30.....	2	1	
Ecuador:				
Babahoyo.....	Nov. 1-30.....	1	.....	
Duran.....	Nov. 1-Dec. 15.....	2	2	
Guayaquil.....	do.....	118	66	
Milagro.....	Nov. 1-15.....	1	.....	
Punta de Piedra.....	Nov. 1-30.....	1	.....	
Salvador:				
San Salvador.....	Jan. 9.....	1	.....	